

University of Lucknow

ANNUAL REPORT

For the year 1925



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UNIVERSITY OF LUCKNOW

The Chancellor—(The Hon'ble Sir William Sinclair Marris, K.C.S.I., K.C.I.E., J.P., I.C.S.):

The University is grateful to His Excellency the Chancellor for the kind interest which he has evinced in the working of this University during the year under report. His Excellency visited the University on two occasions. On the first occasion he was the guest of the Staff Club and played tennis with the members. The University Staff greatly appreciated the privilege of meeting the Chancellor of their University and altogether a very pleasant afternoon was spent in informal conversation and games.

The other occasion was when he visited the King George's Medical College and spent over an hour in making a detailed inspection of the College and Hospital.

He has taken every opportunity of discussing University affairs personally with the Vice-Chancellor so as to assure himself of the smooth running of the University.

The Vice-Chancellor—(Dr. G. N. Chakravarti, Rai Bahadur, D.Sc., M.A., LL.B., F.R.S.A., I. S. O.):

In September, 1925, Dr. Chakravarti intimated to the Executive Council his intention of retiring from the University practically at the end of the year 1925, on completion of 5 years' service and after availing himself of such leave as may be due to him under the rules. The Council sanctioned the leave, but requested Dr. Chakravarti to reconsider his decision relating to retirement before the expiry of his term. In this connection the Academic Council also urged Dr. Chakravarti "to reconsider his decision in the interest of the University which he has so successfully built up since its inception." Dr. Chakravarti thereupon decided to submit to the wishes of the Academic and Executive Councils.

On the recommendation of the Academic Council the Executive Council has decided to submit to the Court the proposal that the Honorary Degree of Doctor of Literature be conferred on Dr. Chakravarti in recognition of his distinguished services to the University as its first Vice-Chancellor. The proposal will be submitted to the Court and to His Excellency the Chancellor in due course.

The Treasurer—(S. M. Habibullah, Esq., B.A., O.B.E.):

In February, 1925, Sahabzada Dr. Said-uz-zafar Khan handed over charge of the office of Honorary Treasurer to Mr. S. M. Habibullah, B.A., O.B.E. Both the Executive Council

and the Court recorded their grateful appreciation of the valuable services rendered by Dr. Said-uz-zafar Khan in the capacity of Honorary Treasurer.

The year under report was one of peculiar financial difficulty owing to the block grant system adopted by Government and the application of that system for the first year during the time of Mr. Habibullah. When he took over charge the University had already passed its own Budget based on the expectation that Government would see to the balancing of it. As soon as the block grant was known steps had to be taken to revise the whole Budget, as far as practicable. This involved strenuous labour and serious administrative difficulties. The council appreciated the manner in which Mr. Habibullah faced the task in collaboration with his colleagues of the University, by asking the Chancellor to re-appoint him Treasurer for another year.

The Registrar and Administrative Staff.—Mr. R. R. Khanna, M.Sc., held the office of Registrar during the year and having given complete satisfaction in the performance of his duties was confirmed in the appointment at the end of it. Mr. Inayat Ullah Butt held the office of Assistant Registrar substantively and took leave for about six weeks. He was placed on deputation under the Treasurer for about two months. During Mr. Butt's period of deputation and leave Mr. Gopalakrishniah, P. A. to the Vice-Chancellor, carried on the duties of Assistant Registrar in addition to his own duties.

The Convocation.—The annual Convocation was held on 7th of November, 1925, and the University had the privilege of being addressed by Dr. Sir Tej Bahadur Sapru, M.A., K.C.I.E., LL. D. At this Convocation the honorary degree of Doctor of Literature was conferred on Prof. M. B. Cameron, M. A., B.Sc., Dean, Faculty of Arts and Principal, Canning College. The number of candidates who qualified for the various degrees and diplomas is given below :—

DEGREES.				
B. A.	...	...	...	73
B. A. (Hons.)	...	...	...	21
M. A.	...	...	...	44
B. Sc.	...	...	...	34
B. Sc. (Hons.)	...	...	...	7
M. Sc.	...	...	...	10
M.B., B.S.	...	...	...	43
M. D.	...	...	...	1
LL.B.	...	...	...	120
B. Com.	...	...	...	20

DIPLOMA IN—

Arabic:

(i) Alim	...	...	...	...	5
(ii) Fazil	10

Persian:

(i) Dabir	1
(ii) Dabir-i-Mahir	4
(iii) Dabir-i-Kamil	29

<i>Teaching</i>	9
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The number of women candidates who passed the Degree examinations is as shown below :—

	1924.	1925.
M.A.	2	...
B.A. (Pass).	4	8
M.B. B.S.	...	1

The total number of candidates who had qualified for the various degrees had increased so largely that the Bennett Hall was considered too small for the Convocation. By the kind courtesy of the British Indian Association their Shamiana was obtained on loan and the Convocation was held in the court-yard behind the Canning College, under canvas. It is gratifying to note that by this arrangement it was found possible to invite about two hundred and fifty guests, without whose presence the Convocation could hardly be designated a public function. Even so, the authorities were not satisfied, because the limitation imposed by accommodation prevented them from inviting many citizens of Lucknow and Taluqdars of Oudh who had contributed so much in the cause of education and to the creation of this University. The need for a Convocation Hall and administrative offices is now keenly felt.

It was unfortunate that pressure of public engagements outside Lucknow prevented His Excellency the Chancellor from visiting the University at this annual function in our Academic life.

Recognition of our Degrees by other Universities.—

(1) For some time past correspondence has been going on between the Universities of the United Provinces on the one hand and the authorities of the Universities of Oxford and Cambridge on the other, with a view to secure for graduates of U. P. Universities the same concessions and exemptions at Oxford and Cambridge which graduates of older Universities in India enjoy. The result has so far been disappointing. It is understood that the other Indian Universities like Delhi,

Nagpur, etc., have been equally unsuccessful in their efforts. Representations have now been made again and it is hoped that through the kindness and courtesy of Sir Theodore Morrison and Sir Michael Sadler it may be possible to remove the ban which at present exists.

(2) Our M.B.B.S. degrees awarded up to the 30th June, 1926 will, as at present decided, be recognised by the General Medical Council of Great Britain and Ireland, for the purpose of a registerable qualification. This means extension of the period of recognition by one more year. The report of the Inspector of Medical Education on behalf of the General Medical Council, while pointing out several desirable and necessary improvements, was on the whole satisfactory. On receipt of the report the authorities set to work immediately on preparing schemes for necessary improvements : proposals for financial assistance have already been submitted to Government in connection with the schedule of new demands.

(3) The negotiations with Bombay University for the recognition of our degrees as equivalent to their own corresponding degrees have also been happily concluded, except in the case of our B. Com. degree. The reasons pointed out by the Bombay University in not recognising our B. Com. degree are under consideration and it is felt that the decision is based partly upon a mis-apprehension.

Financial Affairs.—(1) The committee appointed by the Local Government to examine the financial affairs of the Universities of Allahabad and Lucknow with a view to (a) the co-ordination of energies to prevent overlapping in special branches of study, (b) the abolition of posts for which there is not sufficient work, and (c) the scrutiny of expenditure generally,

reported during the year.

The report of this Committee was considered by the Executive Council in detail and it may be stated generally that almost all the recommendations were accepted (*vide* pp. 559-564 of minutes for 1924-25). The subsidiary report of Mr. Grant also received attention (*vide* p. 28 of minutes for 1925-26) but it was not found possible to accept all his suggestions and recommendations mainly because his recommendations were based upon his inspection during the University vacation : when he could not have the opportunity of a personal discussion with the officers responsible for the various items relating to which he made suggestions.

(2) In accordance with the recommendations of Mr. Blunt's committee the University will receive a block grant of Rs. 7,87,000 per annum, for a period of 5 years. This grant does not include any provision for King George's Hospital. The Hospital will remain under the University but the expenditure for the same will be met by a separate grant from Government in the medical department.

(3) The Block grant sanctioned for the University when put against the Budget Estimates of 1924-25 disclosed a serious position. Several heads of expenditure had been completely scored out from the Budget in calculating the block grant referred to above (details will be found on page 30 of the Minutes for 1925-26). In order to balance the recurring part of the Budget, economies to the extent of Rs. 56,000 per annum were required. A Retrenchment Committee examined all possible avenues of retrenchment thoroughly and made recommendations which resulted in the following:—

- (i) The rates of remuneration to all examiners, (both Internal and External) as well as travelling allowances of external examiners were reduced.
- (ii) The allowances of wardens and assistant wardens were discontinued.
- (iii) The office of Proctor was made honorary.
- (iv) *Viva Voce* Examinations in Arts and Law faculties were abolished.
- (v) An honorary medical officer was engaged in place of a paid one for the Canning College.
- (vi) The posts of a Reader in Indian Philosophy and a Lecturer in Indian History were held in abeyance.
- (vii) The amount proposed by Mr. Blunt's Committee for Scholarships, Fellowships, etc., could not be provided in full.
- (viii) A cut in printing and contingent expenditure was made all round.

(4) Retrenchment and Economy were the watch-words of the year. Several important and useful functions of the University were suspended, for example, students' educational tours, and paid lectures by persons of distinction, delegates' expenses to congresses and conferences, contributions to University games, the Union, the Journal, had all to be cut out.

(5) Applications have been made to Government for a revision of the block grant in certain respects and it is hoped that before long the situation will be eased.

The report of the Treasurer will be found on page 41. His explanatory note to the budget Estimates of 1926-27 is printed on page 247 of the Minutes for 1925-26.

Important decisions of Academic interest—(1) So far the only privilege which teachers of educational institutions within the ten miles' jurisdiction of the Lucknow University enjoyed was that they were eligible to appear at the B.A. (Pass) examination after a certain period of service in a recognised school or college. This privilege was extended to the M.A. examination also by a transitory ordinance.

(2) The *Viva Voce* examinations for the Honours, (Arts), M.A., and LL.B. degrees were abolished. Owing to large increase in the number of candidates for the Law examinations and owing to other practical difficulties in the case of Arts examinations it was felt that the *Viva Voce* examinations were not fulfilling the object for which they were instituted. Nor was it found practicable owing to limitations of time and finance to make these *Viva Voce* examinations really useful, commensurate with the expense involved.

(3) In the Faculty of Arts the degree of Doctor of Literature will no longer be awarded on the result of an examination or on presentation of a thesis. It has been decided to retain this degree for award to persons who by reason of eminent position and attainments or by virtue of their contribution to the cause of learning are fit and proper persons to receive such degree, *honoris causa*. Only the degree of Doctor of Philosophy will be awarded on presentation of a suitable thesis or dissertation to Masters of Art, of not less than 3 years' standing, as against 2 years under the old ordinances.

(4) Honours students who pass the M.A. and M.Sc. examinations will now be classified in 3 divisions whereas under the old ordinances only such students who secured at least 70% marks were awarded Distinction.

(5) In the faculty of science it has been decided that Masters of Science will be eligible for the degree of Doctor of Science after conducting research under the supervision of the University for not less than 3 years (against 2 years previously). Residence for 3 years in the University will also be insisted on in their case.

(6) In the Faculty of Medicine, candidates for the degree of Bachelor of Medicine and Bachelor of Surgery will be required to have undergone instruction in the following subjects before they are presented for the examination :—

- (i) Diseases of Ear, Nose, and Throat.
- (ii) Radiology and Electro-Therapeutics.
- (iii) Diseases of Children.
- (iv) Fevers.
- (v) Tropical Diseases.
- (vi) Skin Diseases.
- (vii) Medical Ethics.

The ordinances have been amended with a view to satisfy the requirements of the General Medical Council.

(7) Courses of study have been prescribed for the study of Hindi and Urdu as subjects of study for the B. A. degree in conjunction with classical languages from which they are derived and arrangements were made for the starting of classes from August, 1925. In consequence of the change of status of these two subjects, the junior lecturerships in Urdu and Hindi were, subject to funds being provided by Government, converted into lecturerships.

(8) While making ordinances for instituting the diploma examinations in Persian and Arabic in the previous year, the University provided that students of maktabas and other indigenous schools situated within the territorial jurisdiction of the University should be able to send up candidates for these examinations. The University sought to supervise and control education in Arabic and Persian on traditional lines in an important centre of muslim culture, without directly undertaking instruction for those standards. The step taken by the University was deemed to have transgressed the limits of the law under which the Residential University at Lucknow was brought into being. Consequently acting under his statutory powers, His Excellency the Chancellor disallowed the examination of such students in Arabic and Persian as were not under the direct instruction of the University.

(9) It was made clear beyond doubt that in this university failed candidates shall not be admitted to an examination for a bachelor's degree in a subsequent year without attending 75 per cent of a fresh course of lectures.

(10) Towards the end of the year 1924, the University decided to continue the transitory ordinances for the degrees of Master of Arts and Master of Science for a further period of two years. The effect of this decision is that students who take the

pass B.A. or B.Sc. degree, will be able to proceed for sometime longer to the M.A. or M.Sc. degree, which degrees would otherwise be open to Honours students only. It was further decided that the honours students should be allowed the option of appearing in the pass papers of their honours subjects at the end of their two years, thus giving them the chance of getting the pass degree, if they choose to do so, before proceeding with their studies for the honours degree in the third year.

(11) A general test in English for all students of the Faculties of Arts and Science was made compulsory. As in the case of other subjects attendance at class lectures in preparation for this test was also made compulsory. The character of the test was also improved: instead of a special English test conducted by the English department it was decided that all students should pass in the general section of the University examination in English for the B. A. pass degree, before they become eligible for a degree of this University.

Study Leave and State Scholarship for Research.—With a view to improve the qualifications and outlook of its teachers the University has been consistently following a plan of sending out some qualified members of the staff to Europe for advanced work in their special subjects by granting them “study leave” on half-pay. This kind of leave is only given to such teachers as have rendered at least five years of service (and the period of service in the Canning College is also taken into account). Members of the staff, who avail themselves of this leave, are under a contract to serve the University for at least three years after their return without any change of status. During the year, Dr. G. S. Thapar, Lecturer in Zoology, Dr. B. B. Banerji, officiating Lecturer in Physics, and Dr. S. K. Banerji, Lecturer in Indian History, returned from study leave, each of them having obtained the degree of Ph.D., from the London University. This year study leave has again been sanctioned to the following members of the staff:—

1. Lt. S. K. Mukerji, M.Sc., Lecturer in Botany, has joined the University of London as a research student for the D.Sc. degree.
2. Mr. D. B. Deodhar, M.Sc., Reader in Physics, is continuing the research work begun here at the University of London.
3. Miss A. Siret, M.B., Obstetric House Surgeon, for undergoing the course of studies for the F.R.C.S., (Edin.), L.M., (Dublin) and post-graduate clinics at the London Hospital.

A State Scholarship of £ 300 per annum was awarded by the United Provinces Government for research work in Botany to Mr. A. K. Mitra, M.Sc., (of the Lucknow University). He has been accepted by the Board of Research Studies, Cambridge, mainly owing to the excellent work turned out here.

Residential aspect of the University.—Out of a total number of 1,150 students on the rolls of the University in all Faculties there were 604 residing in hostels, thus making a percentage of 53 resident students. It is believed that the rest are mainly living with their parents or guardians. This result has been achieved by persistent effort to provide additional hostel accommodation. Analysis of the figures has demonstrated the following remarkable facts :—

- (1) that about 85 per cent of medical students live in hostels : which is a matter of great satisfaction to the authorities.
- (2) that in the Canning College the percentage of resident students is roughly 44 per cent although all the Hostels are full. Even the new hostel was absolutely full at the time of admissions and many applications had to be refused.

More hostel accommodation is no doubt needed at an early date if the University is to fulfil its aim of being a residential University. The Proctor has analysed the figures further with a view to ascertain what proportion the number of under-graduate resident students bears to the number of post-graduate resident students in the Canning College (*vide* p. 55 of the report). It has been found that the proportion of under-graduates who reside in hostels is not what it should be. The Health, Residence and Discipline Board has taken up the matter and it is proposed that in future in allotting accommodation preference should be given to under-graduates.

Employment Bureau.—The question of creating a regular Employment Bureau in the University, with a view to further the claims of our graduates for employment in Government and other services, was considered by a special committee and the Executive Council. In this connection reports on the

experience of other Indian Universities were also obtained. The reports were not encouraging. However, to give the scheme a trial it was decided to create an Employment Bureau here that the Registrar was appointed its Secretary. It was decided that he should inform the Chief Secretary to Government and the Heads of all Government Departments, Local Bodies and large business firms of the existence of such a Bureau and then on receipt of a requisition should submit the names of three most suitable candidates possessing the requisite qualifications, selected by the Dean or Deans concerned.

The Union and the Journal.—Last year it was reported that the affairs of the Union had not run very smoothly and it was hoped that in the next year activities will be revived. With a view to ensure this, the Executive Council appointed a committee consisting mainly of teachers of the University who had recent experience of similar Unions in other countries, and certain other members of the Council deeply interested in the welfare of the institution. The Committee was asked to revise the rules and the constitution of the Union. After enquiries from other Indian Universities a new constitution and a new set of rules were framed, making the Union an autonomous body, having its officers elected by the members themselves. With a view to safeguard the interest of Mohammadan students, an element of communal representation was also introduced. Unfortunately the students failed to work the new constitution and the new rules made by the Council. The result has been that the Union has shown no activity at all. The Hindu and Muslim Unions, being separate organisations belonging to the two communities, have partially supplied the want. The position is by no means satisfactory but efforts are being made to find a solution.

Owing to financial stringency the subsidy of the Journal was discontinued and the Journal thus came to an end after several years of work. Efforts are being made to revive the same in the form of a magazine, on a self-supporting basis, primarily for providing a medium of expression to students. With the rival claims of other Journals and Magazines maintained for the exclusive benefit of the Medical, Commerce, and Economics students, separately, it is doubtful if all students could be asked to subscribe to one more Magazine meant for all students.

Honorary Surgeons and Physicians in the King George's Hospital.—In response to the public demand for associating

highly qualified private practitioners with medical instruction in the University on an honorary basis, ordinances were made, accepting the principle that honorary physicians and surgeons may be appointed in special branches in the Out-Patients' Department of the Hospital and as Honorary Lecturers on the teaching side. It is made clear that these appointments shall be subjected to the scrutiny of the Selection Committee concerned. In pursuance of this policy Dr. P. C. Kacker, M.B., F.R.C.S., was appointed as Honorary Surgeon in the Ear, Nose, and Throat Branch.

Provincial Pathological and Anti-Rabic Centres at Lucknow.—In order to improve the efficiency of Hospitals throughout the Province by providing facilities for a fuller investigation of the pathology of disease, Government approached the University regarding the desirability of creating a Provincial Pathological Centre at Lucknow. It was intended that all Government medical officers, throughout the Province, should be able to send material for investigation of diseases of indigent patients by recent methods of diagnosis to an equipped Laboratory. The idea was to link up the Pathology Department of the University with Hospitals of the Province for the benefit of the great mass of patients. The University readily agreed that the Pathology Department should undertake this additional duty for a limited number of processes, on the understanding that the additional work involved should not interfere with the normal functions and duties of the officers concerned. It is hoped that the Medical Faculty of the University would thus render suitable scientific service to the Province.

A proposal from Government for creating a centre for Anti-Rabic treatment at Lucknow has also met with a similar response from the University, for the benefit of the general community. As soon as a final decision is reached by Government, the two schemes will be put into operation, the additional cost being undertaken by Government.

Fellowships and Scholarships.—With some additions to the number of scholarships annually awarded by the University according to the regulations mentioned in the Calendar, it was decided that the University should award 7 Fellowships annually, of the value of Rs. 75 per mensem each, tenable for a period of 21 months. These Fellowships will be awarded with effect from the academic year commencing August,

1926. They have been allotted to the various faculties in the following manner :—

Faculty of Arts	...	...	3
Faculty of Science	...	...	3
Faculty of Medicine	...	...	1

For these Fellowships, Masters of Arts and Science and holders of the M. B. B. S. degree only will be eligible. They will be required to conduct research work under the Head of the Department in which a Fellowship is awarded and devote their whole time to it. The research scholarships previously awarded by the U. P. Government for a similar purpose have been discontinued. Unfortunately owing to difficulties of adjustment during the financial year 1925-26, it was not possible to provide funds for these Fellowships earlier.

Extra Mural Teaching.—A scheme of Extra Mural Instruction to be arranged for by the University outside the regular courses of studies for Degrees and Diplomas was sanctioned. A Committee was constituted to work out the details of the scheme and to give effect to the resolutions passed by the Academic Council in this connection.

Religious Instruction in the University.—The Executive Council was unable to accept the recommendation of the Academic Council relating to a permissive Ordinance being made for religious instruction within the University. The proposal of the Academic Council amounted to granting permission to recognised religious organisations to send approved teachers, acceptable to the University, to impart religious instruction to such students who may be willing to receive the same during periods outside the University time-table. The Executive Council negatived the proposal.

The Co-operative Stores.—A scheme for the inauguration of Co-operative Stores for the benefit of the resident students of the Canning College was prepared. The constitution and bye-laws were framed by the Canning College Board of Management in consultation with an expert from the Co-operative Department of the U. P. Government. The Executive Council sanctioned a loan for the starting of the movement, both for its economic and educative value. It was however, found that a sufficient number of students was not forthcoming to purchase shares and it was felt that the scheme could not otherwise be a success. The authorities were unwilling to impose compulsion in the matter of subs-

cription to the Stores. It is regretted that the scheme which had otherwise been worked out with great care could not be put into practice for lack of enthusiasm among those for whose benefit it was sought to be introduced.

Endowments and Gifts.—During the year the following endowments and gifts were accepted by the University :—

(1) An endowment of $3\frac{1}{2}$ per cent. G. P. Notes of the face value of Rs. 1,300 for “Gopal Chandra Mookerji Memorial Medal” from Dr. Radha Kumud Mookerji, Professor of Indian History, Lucknow University, for a gold medal to be awarded annually to the best M.A. student in History.

(2) An endowment of 6 per cent Government of India Bonds of the face value of Rs. 3,000 for three gold medals called “Pandit Debi Sahai Misra Gold Medal” from Hon’ble Justice Pandit Gokaran Nath Misra, Judge, Chief Court, Oudh, for gold medals to be awarded annually to the best B.A., B.Sc., and LL.B. students of the year.

(3) An endowment of $3\frac{1}{2}$ per cent G. P. Notes of the face value of Rs. 1,000 for “Rai Bahadur Chaubey Shambhu Nath Misra Memorial Medal in Eye Surgery” from Rai Bahadur Dr. S. N. Misra, Civil Surgeon, Bulandshahr.

(4) The gift of an iron safe, which had been in use in the Registrar’s office for about five years, from the Vice-Chancellor, Lucknow University.

(5) The gift of a case of Microscopic slides, for the use of the students of the Faculty of Medicine, from Dr. J. R. Lunn, F. R. C. S., late of St. Thomas Hospital and now of “The Cottage,” Worthing, Sussex, received through the High Commissioner for India.

Arrangements were also made during the year for all medals awarded by the University to be of uniform size (not thickness) and bearing on one side the coat of arms and common seal of the University.

Works Departments.—In previous years the University had to incur heavy expenditure on its building programme. But this year, when the amount of the Government grant for non-recurring expenditure was known it was found that funds were not available, as in previous years, to undertake the construction of large works. Steps were taken immediately to reduce establishment. The post of one of the two Sub-Divisional Officers was retrenched, besides a considerable

reduction in the subordinate staff of the Works Department. Later on in the year it was considered advisable in the interest of efficiency to appoint Mr. Linton Bogle, Chief Engineer of the Lucknow Improvement Trust, to supervise both the Works Departments on an allowance of Rs. 100 per mensem. Towards the end of the year, when the Sub-Divisional Officer resigned his post with a view to take up an appointment elsewhere, it was decided to appoint Mr. Bogle as Engineer-in-charge of all University Works for a period of 3 months as an experimental measure, on a consolidated allowance of Rs. 350 per mensem. It is hoped that the experiment will prove successful. Mr. Bogle will report upon it at the end of two months.

REPORT OF THE DEAN, FACULTY OF ARTS.

(Dr. M. B. Cameron, D. Litt. M.A., B.Sc.)

Number of Students in various Departments.—A comparative statement of the numbers in the various departments and classes for the years 1924 and 1925 will be found in the table below. These numbers have been corrected up to date and omit those who joined in August, but have since dropped off for one reason or another. They show clearly that, as we anticipated, the opening of the new Hostel has reflected itself in a very decided increase in numbers. The decline in the numbers taking Honours in the 1st year appears to have ceased with the modification of the ordinances regarding these degrees.

Indian History, taking the two Sections Ancient and Modern, continues to be next in popularity to English as an option; though not to so marked a degree as last year. The two new options Urdu and Hindi attracted comparatively few students, but this is probably due to novelty and the lack of special attention being called to the change in the Ordinances. Indian History, European History, and Persian are the departments that seem to have been most affected by the opening out of two new options, and by the increased enrolment in Political Science, Philosophy, and Mathematics.

Numbers on the rolls.

		1925.	1924.
1st Year B.A. Pass ...	...	99	102
„ „ B.A. Hons....	...	26	20
2nd Year B.A. Pass ...	...	115	81
„ „ B.A. Hons. ...	...	14	15
3rd Year B.A. Hons. ...	...	8	22
M.A. Part I ...	...	53	33
M.A. and M.A. Part II	...	42	48
		<hr/> 357	<hr/> 321

Examinations in 1925.

		Number appeared.	Number of Passes.	Percentage of Passes.
B.A. ...	...	97	73	75.26
Honours ...	...	23	21	91.30
M.A. Part I ...	...	31	27	87.09
M.A. and M.A. Part II	...	45	44	97.77

It is of special interest to note that there are four women students in the M.A. Part I class in Economics, one of them

being in *purdah* and sitting behind a screen. The 2nd year B.A. class in Mathematics includes two women students and the first year, one.

English.—To our great regret Mr. C. J. Brown has definitely decided to resign his appointment on the expiry of the leave due to him. Mr. Thorn left at the end of his year of probation and has returned to England. The Professorship of English will thus be vacant at the end of January, 1926. Meanwhile, Mr. Nixon is officiating as Head of the Department, Mr. C. G. Roy has been appointed a temporary Lecturer, and Mr. Sharda Prasad Saksena, a first class M.A. of our own University, has been appointed to officiate for Mr. C. G. Roy as a temporary Junior Lecturer.

With a view to encouraging original work among the students the late Head of the Department, together with the Readers, instituted a literary prize competition in which medals were offered for the best original short story and drama respectively. The results of the former competition in particular have been very gratifying indeed.

Steps have been taken to remodel the Test in General English and to make attendance at Class Lectures compulsory. The changes will come into effect next session.

There seems a lack of students really competent to take up Honours Course in English. There are no 3rd year Honours students, of seven in the second year three have reverted wisely to the Pass course, and seven in the first year are attempting Honours in English. It remains to be seen whether they are justified in doing so. It may be that the disinclination on the part of many good students to take up an Honours course has been overcome by the recent change in the Ordinances. Time alone will show. Meanwhile it is a matter of concern that much of the best teaching energy is employed uneconomically on very small numbers.

Tutorial work is heavy in this department with its large numbers, but great stress is laid upon it and an attempt made to see that all students shall in small groups be seen by their tutors once in every week.

I refer under Hostels to the disappointment of the Readers in English in not being able to form a united dramatic society so as to raise the standard of production. The experience of this year will probably insure greater success if the same attempt be made next year.

A healthy amount of original work is being done by the members of the department, both staff and students.

Mr. N. K. Sidhanta has practically completed his work on "Heroic Poetry" and during the course of the year has published the following papers :—

- (1) Religion in the Heroic Age, (Lucknow University Journal, April, 1925).
- (2) & (3) Unhistorical Elements in Heroic Poetry, (Journal of the Mythic Society, Bangalore, April and October, 1925).

Mr. R. H. Nixon has published "An Outline Sketch of Buddhist Philosophy", (Lucknow University Journal, April, 1925), being part of a larger work that is in preparation.

Mr. Ashutosh Bhattacharya is continuing his researches into the subject of "Poetic Diction in the 19th Century" with a view to submitting a thesis for a doctorate. His researches have been greatly hampered by the lack of the necessary books in the library.

Syed Abdul Alim, M.A., (Dacca), has come from the Osmania University to work in the department as a research student. He is studying Elizabethan Drama with a view to proceeding to England for a doctorate. He too complains of the inadequacy of the library as compared with that of Dacca.

Syed Afzal Husain, B.A., (Allahabad), a student in the M. A. classes here, has in the press an anthology of English prose by Indian writers which is being published by an English firm of publishers.

He and Ajit Prasad Jain, B.A. (Hons.), were the editors of "The Academician", a magazine run by the students.

Mr. Nixon concludes a very full report by pleading for a more liberal allotment of funds for books. While this financial stringency lasts, all that can be done is to accumulate a list of the books most urgently required yet not able to be bought out of the funds allotted. If this list is put up with a sufficiently strong case made out for each item on it, a claim might be made for a special grant.

Economics and Sociology.—There was no change in the staff during the year. The Department undertook to teach Sociology to the students of the Political Science Department which has made this subject compulsory in the Honours and M. A. classes.

Field work and research is being actively pursued by some of the senior students.

- (1) *Girwar Sahay* wrote a thesis on "Fields and Farms in an Oudh Village." An Agricultural

Survey of Bakshi-ka-Talab in Lucknow District, for the M. A. Final Examination of 1925, in which he secured distinction. He is still carrying on research work on the subject under the guidance of the Head of the Department.

- (2) *Harihar Dayal*, an M.A. Final student, wrote an original paper on "The Milk Supply of Lucknow and how to improve it" for which he was awarded a special prize by Sir S. H. Fremantle, C.S.I., C.I.E.
- (3) Three selected students of the M. A. Final class are carrying on first-hand investigation on 'Agrestic Serfdom in the Rewa State', 'Economic and Social Problems of a Village in Hardoi,' and 'Agricultural Labourers in the Unao District,' respectively.

Mr. Raj Bahadur Gupta, lately Research Scholar, is finishing his book on the 'Housing of Industrial Labour in India.'

Mr. Dhurjati Prasad Mukerji's book on 'Personality and the Social Science' has been published and it has earned the encomiums of distinguished savants like Lord Haldane, Prof. L. T. Hobhouse, and Mr. Bertrand Russell.

Mr. Hirendralal Dey has been awarded the Prem Chand Roy Chand Research Scholarship of the Calcutta University. The thesis which was approved by the syndicate for the award was entitled "The Economic Development of India: Some aspects of Modern Industry and Commerce with special reference to India."

Mr. Bhujanga Bhushan Mukerji continues as Editor of the U. P. Co-operative Journal. His evidence before the External Capital Committee appointed by the Government of India was quoted with approval in the Report and referred to in the *Pioneer*. I have been much interested too in seeing in the Memorial volume to Professor Marshall two of the Professor's letters to Mr. Mukerji, which the editors have selected for publication. He has also contributed an important Note on the present position and prospect of the Co-operative Movement in the United Provinces—submitted to the Co-operative Committee appointed by the Local Government.

Mr. Mukerji also gave evidence as a witness before the Co-operative Committee appointed by the Government of the United Provinces.

The Head of the Department has recently published his *Groundwork of Economics*. His Patna University Banaili Readership lectures on the Rural Economy of India, and his Nagpur University lectures on the Land Problem of India are in the Press. The American Social Science series have made ready for publication another book on Regional Sociology. Messrs. Longmans have just announced the publication of his treatise on Civics, a companion volume to *Groundwork of Economics*.

Sociological Association.—There were two sittings of the Lucknow University Sociological Association. Dr. N. N. Sen Gupta, M.A., Ph.D., Professor of Experimental Psychology in the Calcutta University, spoke on the relation of Psychology to the Social Sciences with the President of the Association in the chair. The meeting was largely attended by teachers and students alike. Professor Benoy Kumar Sarkar, recently returned from Europe, gave an informal talk to the M.A. students on Recent Economic Legislation in Europe. It is regretted that the publication of the Indian Sociological Review, the mouth-piece of the Association, had to be postponed for lack of funds.

Department of Indian History.—Dr. Sukumar Banerji, M.A., L.T., Ph.D., who had been away on study-leave, returned in August after obtaining the Degree of Doctor of Philosophy of the London University within two years of his joining that University as an internal Research student. The subject of his thesis for the Doctorate was the reign of Humayun (1530-1540) which he studied on the basis of original sources in Persian and Arabic at the London School of Oriental Studies under the direction of Sir E. Denison Ross. His improved qualifications are an added strength to the Department.

The Department has to deal with a total number of 173 students in its different classes and at least four teachers are required to cope with the proper and prescribed quantity of Teaching and Tutorial work. A fourth post was sanctioned but at the last moment it was cut out by the Retrenchment Committee. The result was that the Department lost the valued services of Mr. K. R. Qanungo, M.A., as soon as Dr. Sukumar Banerji for whom he was working as his substitute, returned. There has also been an inevitable dislocation of work resulting in the curtailment of both Lecturing and Tutorial work and also in the additional work thrown on the staff and especially on Dr. Banerji in connection with the teaching of Mediæval and Modern History.

This was the first year when students for the Final M.A. could offer a thesis in lieu of a part of the examination. One of the thesis so submitted was adjudged by the Examiner to be worthy of publication. With the help of a small grant two educational tours were made by the students of the Department, one to Sanchi Tope under the expert guidance of Mr. C. D. Chatterji, and one to Agra and Delhi in connection with the study of Akbar.

During the year under report, Mr. K. R. Qanungo, M.A., Lecturer, brought out his valuable work on the History of the Jats, Vol. I., based on original sources both in Literature and Manuscripts, and in oral tradition, with an appreciative foreward from the pen of Professor Jadunath Sarkar. He also carried on his investigations on the History of Oudh, but had unfortunately to leave us under circumstances already explained, before completing the work. Owing to the heavy burden of teaching duties falling on Dr. Sukumar Banerji, he has not been able to make much progress in his studies on Humayun which, when completed, would be a valuable contribution to Moghal History. Mr. C. D. Chatterji, M.A., has completed the work of the deciphering and editing an interesting inscription of the ninth century A.D. from the Bulandshahr District which was entrusted to him by the Hon'ble Mr. R. Burn, C.S.I., I.C.S., on behalf of the United Provinces Historical Society. He is also carrying on the work of editing an important Pali work from Manuscripts on behalf of the Pali Text Society, London.

The Head of the Department, Professor Radha Kumud Mookerji, M.A., Ph.D., delivered in January last a course of Readership Lectures at the Calcutta University on a Government of India foundation on the life and reign of Emperor Harsha. The lectures are about to be published in the Oxford Rulers of India Series. He has also continued his researches on the History of Indian Education and on Asoka. He contributed a paper on 'Later Gupta History and Chronology to the Journal of Indian History.' He has been appointed a Corresponding Member of the Indian Historical Records Commission.

Sanskrit Prakrit Languages and Hindi.—There has been no change in the staff during the year. The Department continues to attract students for post-graduate studies, two of the four students in M.A Part I being from outside, one from Aligarh and one from the Punjab, who in addition to the B.A. has passed the Shastri Examination of the University. Several applications to be admitted as Research students were received but only one was entertained, a student of this University who

took the M.A. this year and presented a really valuable dissertation on "The Theory and Practice of the five Sandhis as a principle of dramatic criticism." He is now doing more advanced work with a view to applying for the Ph.D. I must however mention that, research work will become satisfactory only if one more lecturer is appointed in the Department, as the hands of the present staff are full with work for the B.A. (Pass and Honours) and M.A. classes.

Hindi is now an independent subject for the B.A. Degree. Two students took it up as one of their subjects, one of whom however discontinued his studies owing to financial troubles. The interest of the public in this subject is shown by the fact that Mr. Ram Prasad Garg, Publisher, Agra, has endowed a scholarship of Rs. 8 per mensem for 9 months, in the name of his father, Babu Ram Charanlal Sahib, to be given to the best Hindi student at the discretion of the Head of the Department. Several students from other Universities expressed a desire to take up Hindi for their M. A., but as there are no M.A. classes in Hindi yet, we were not in a position to meet their wishes.

The Gyanavardhini Sabha.--The Sabha has been continuing its work this year also. Under its auspices, Sri U. P. Krishnamacharya, lectured on the 'Vedanta' and Mr. Jagdish Chandra Chatterji, B.A. (Oxon) spoke on "The Indian Point of View in the Study of the Vedas." Both the lectures were very largely attended and appear to have created much enthusiasm among the students.

Besides the ordinary teaching, all the teachers are engaged in research or original work. Mr. K. A. Subramaniya Iyer's paper on "A few observations on the Trimeterverses of the Mahabharata and the Ramayana" was published in the "Report of the Third Oriental Conference," Madras—1925. He has also another paper ready on "The Critic in Sanskrit Literature" which will be soon published. Mr. Adya Datt Thakur's essay on "Samudra Yatra" was published in the "Madhuri," June, 1925 His "Pali Grammar" in Hindi is expected to be sent to the Press before the end of the year. Pt. Badri Nath Sastri's edition of "The Kiranavali—bhaskara" has been published in the "Saraswati Bhavan Sanskrit Series," Benares. Pt. Badri Nath Bhatt is engaged in literary activities of various kinds. He has been appointed a reviewer of books for the Text Book Committee of the Vernacular Department, U. P. The following writings of his were published during the year under report :—

1. Durgavati Natak—Gangapustakamala—1925.
2. Balanitikatha, 2 Vols. „ „

3. Hindi.

4. Balapatrabodha—Ram Prasad & Bros., Agra.

He has also contributed several articles to Hindi periodicals. He is now engaged in revising Tulsi Das's Ramayana for the Nirnaysagar Press, Bombay.

Department of Persian.—Moulvi Nur-ul-Aziz, M.A., a Lecturer in the Department with a distinguished record of service in the Canning College and Lucknow University had to take long leave on account of ill health. Moulvi Masud Hasan, M.A., is officiating for him leaving the Junior Lecturership vacant to which an appointment will be made soon. The Reader is continuing his edition of Tarikh Abu Hatim. Moulvi Abdul Qawi is preparing a thesis on "Sufism in India," while Mr. Masud Hasan is engaged in a study of the Marthia Literature.

This session Urdu has been introduced as a subject for the B.A. Pass. Though no publicity was given to the change in the curriculum, yet twelve students took up this new subject which is rather encouraging. As long as no separate Department for the vernaculars is created, the teaching in Urdu will have to be taken up by the Persian Department.

Department of Arabic.—The Department of Arabic continued to be in the charge of the Reader in Persian. Early in January, Mr. Wahid Mirza, M.A., was appointed a temporary Reader. This session we have attracted more students than ever before. Three students have got themselves admitted for the B.A., while there is one student each for B.A. Hons., M.A. Part I, and Part II. Two more, Mr. Mohd Syeed Khan, M.A., and Mr. Mohd. Faruqi, M.A., are doing research work on the "Saljuqs" and "Pre-Islamic Arab Superstitions" respectively. Mr. Wahid Mirza is engaged in translating Ibn Khaldin's Prolegomena in extracts. Moulvi Khalil Ibn Mohammad Arab is continuing his study of the "Orations of the Prophet and his Companions."

Recently Dr. M. Z. Siddiqui, a distinguished scholar, has been appointed to the permanent Readership in Arabic, and when he joins he will take over the charge of the Arabic Department from the Reader in Persian.

Philosophy.—The Professor was on leave for the first three months of the new session. The resignation of Mr. J. J. Cornelius, who was on extraordinary leave without pay in America, was accepted. His post as Reader has not been filled up pending a decision on a proposal to engage a specialist on Indian Philosophy. Meanwhile the services of Mr. Kali

Prasad, M.A., who was acting as a temporary lecturer, have been continued. Mr. E. Ahmad Shah is engaged in delivering a special course of six lectures to the Training class in the Isabella Thoburn College.

Department of European History.—There was no change in the staff during the year. There has been an important change introduced in the B.A. course in the substitution of the period 1789-1914 for the period 1485-1914. The general period is already covered in the Intermediate course. It was therefore thought advisable for B.A. students to concentrate on the 19th century. There are no Honours students. An increase of staff would be necessary if Honours classes were opened.

Mr. J. C. De published an interesting article on Samudragupta and Napoleon in the University Journal and has other articles in preparation.

Department of Political Science—Mr. K. D. Agarwal, B.A., (2nd Class Hons.), Pembroke College, Cambridge, Barr-at-Law, has joined the staff on the 5th of October, thus making one Reader and two Lecturers in the Department. Even with this addition members of the staff are fully occupied with teaching work, and have little time to do research work. Applications for post-graduate work from the students of the Benares, Allahabad, and Aligarh Universities continue to come as those Universities have no special courses in this subject. Some of these had to be refused for lack of staff at the beginning of the academic year.

The Head of the Department has delivered four extension lectures during the year on different topics. He has also submitted a paper on "The Problem of Second Chambers in India" to the Indian Economic Conference to be held at Madras in December—January. His book on "Comparative Colonial Policy" is appearing with Longmans in January with an introduction by the Rt. Hon'ble Lord Olivier. He is now preparing a work on "The Mandates System in Operation."

Mr. V. K. Nandan Menon, B.A., (Oxon.), is preparing a book on "Indian Legislative Procedure." He is to deliver in December a course of extension lectures on the Conservative Movement in Western Politics."

It is with deep regret that I record the death of Mr. R. S. Gupta, Lecturer in Political Science, whose leave on medical certificate was recorded in my last report. He was one of the most promising of the younger members of the staff and had

just only completed a distinguished career in India and in Oxford, when he was appointed. Mr. Menon who was at first appointed to officiate for him has been confirmed in the appointment.

Modern European Languages.—At the beginning of the session twenty offered to take French and seventeen or eighteen German, but the permanent class has fallen now to four in French and three in German, taking lessons three times a week. The chief reason for the falling off is probably the difficulty of finding a period within the limits of the College Time-table which will suit all students.

It is not easy to see how this can be remedied as long as the Modern European Language continues to be a subject taken in addition to other subjects prescribed and not as an alternative to some one of them.

The students who fall off because there is no diploma in the subject need hardly be considered since the teaching has not been organised on the same basis as that of other University subjects but merely as an aid to those desiring a working knowledge that may help them in studying foreign authorities in the subjects of their choice. Mr. Keightley's honorary work has shown that there is a certain steady demand for this kind of help and the University will have to consider how to make more permanent and systematic arrangements to meet it.

REPORT OF THE DEAN, FACULTY OF SCIENCE.

(*Dr. Wali Mohammad, M.A., Ph.D., I.E.S.*)

General.—The number of under-graduate students in the Faculty of Science is approximately the same as last year, while the number of post-graduate students has nearly doubled during the year, being 47 against 29 of the last year. The work in the Faculty appears to have been co-ordinated fairly well though the needs of the various Science Departments have not been fully satisfied. The Mathematics Department complains of insufficient staff, the Chemistry Department urgently needs new Laboratories, the Physics Department is asking for additional apparatus, the Botany Department is clamouring for a Fern House, while the Zoology Department is making repeated demands for a Museum. It will be readily admitted that these are urgent needs and should be satisfied at an early date to ensure efficiency. Bearing in mind the initial handicap which the Science Faculty had to face at the very start of the University, considerable progress has been made but

much yet remains to be accomplished. Lastly there is a complaint about the energy of the staff being dissipated instead of being concentrated owing to the existence of parallel courses for Pass and Honours classes. Possibly the time has come for reviewing the whole situation regarding the Honours course.

Last year, special rules regulating the Terminal Examinations and the promotion of students from the First to the Second Year were framed with the full concurrence of all the Heads of the Departments in the Faculty and were put in force during the year under report. Rules regarding attendance in classes and Laboratories were also enforced. The Dean is now in a position to state that the enforcement of these rules has resulted not only in the improvement of the general discipline of the students but in more regular attendance and better work on their part as well. Incidentally this has greatly increased the clerical work and has added to the work of the single clerk who has already got his hands quite full.

1. PHYSICS.—Change in Staff.—Dr. B. B. Banerjee who had gone to England for further studies came back in September, 1925. He worked in the London University under Professor Porter and was awarded the degree of Ph.D. on his thesis. He has also been elected a member of the Institute of Physics and a Fellow of the Physics Society of London.

Mr. D. B. Deodhar (Reader) left for England to prosecute further the researches begun at this University and has joined the London University.

Mr. B. N. Ghosh left the University in August, 1925, to join the St. Andrews' College, Gorakhpur, as Professor of Physics. His place has been taken by Mr. S. B. L. Mathur, an M.Sc. of our University.

Number of Students.—A notable increase has taken place in the number of post-graduate students. There are now 12 M.Sc. students against 7 of the last year and 13 Honours students against 8 of the last year

Wireless Telegraphy and Telephony.—The Department is specialising in this branch of Physics which is one of the subjects for the M.Sc. degree. A Transmitter both for Telegraphy and Telephony has been constructed and is giving excellent results. Work on short waves has also been started. Several new Receiving Sets have been constructed, the important ones being a nine valve Super-heterodyne and seven Valve Supersonic Heterodyne Set. These enable both telegraphy and telephony to be received on a Frame Aerial only.

Research Work.—Research work has been carried on by all the members of the Department in various branches and some of the post-graduate students have contributed papers to Scientific and other Journals.

1. *Dr. Wali Mohammad* : An investigation regarding the structure of Spectrum Lines : (Indian Science Congress, Bombay).
2. *Mr. D. B. Deodhar* : On Atmospheric Radio-activity and Indian Weather : (Proc Royal Society, A. Vol. 109).
3. *Mr. S. N. Ray* : Matter and Electricity in the Theory of Relativity : (Lucknow University Journal, February, 1925).

A note on the recent work on the sub-electron by Yu Chen Yang in Zurich : (Lucknow University Journal) May 1925, together with a translation in der Physik LXXVII, June, 1925).

On a Quantum Mechanism in the Atom : (Lucknow University Journal, May, 1925).

Notes on some Diffraction experiments : (Phys. Rev. XXV. February, 1925)

Über den Mechanismus der Quantenbeziehung in der Schwarzen Strahlung : (Zeit f. Phys. XXXII, May, 1925).

On High Values of Wave Length obtained with Fresnel's Biprism : (Journal of Scientific Instruments, London, July, 1925).

On the Continuity of the electrical structure of the colloidal particles, the Ion, the Electron and the Sub-electron (accepted by the Chemistry section of the Indian Science Congress, Bombay).

Über den Mechanismus der Photoelektrischen Erscheinung : (Zeit. f. Phys. XXXIII, 1925).

A note on the Inversion points in Photophoresis (Communicated by Professor Ehrenhaft to Ann d. Phys.).

On the Separation of the Constituents of a Gaseous mixture in an Electric Field being the report of work done in collaboration with Messrs. Raman Nayar and N. G. Chakravarti of the Chemistry Department of Lucknow University. (Indian Science Congress, Bombay).

4. *Dr. B. B. Banerjee*: "Electrode Capacity and Resistance for Electricity for a wide range of frequencies.

(To be read before the Faraday Society on January 18, 1926).

5. *D. V. Gogate*: On a serious difficulty in Cotter's treatment of the Quantum Theory, (Lucknow University Journal, February, 1925).

6. *R. K. Chaturvedi*: Über eine ernstliche Schwierigkeit in der Bestimmung der Zahl der Vom Bohrschen Atom ausgestrahlten Schwingungen (Zeit f. Phys. XXXIII, 1925).

2. CHEMISTRY.—Changes in Staff.—Prof. P. S. MacMahon proceeded on leave for five months and Dr. S. M. Sane acted as the Head of the Chemistry Department during his absence. Mr. Shiam Sunder Joshi was appointed as an additional temporary demonstrator during Prof. MacMahon's absence.

Number of Students.—The number of students in the department is as follows:—

B.Sc. First Year	...	64
B.Sc. Second Year	..	62
B.Sc. (Hons.) Final	...	1
M.Sc. (Final)	...	3
Research	...	2
D.Sc.	...	2

Of the two D.Sc. students Mr. Shiam Sunder Joshi, M.Sc., has nearly finished the work on his thesis which he expects to submit in the next term.

Of the two research students one is the Captain Kunwar Indrajit Scholar from the Faculty of Medicine and is working on an Indian Medicinal drug under the direction of Dr. S. M. Sane.

Research Work.—The following research work is being carried out in the Department:—

1. The work commenced by Prof. MacMahon and Mr. Raman Nayar "On the properties and constitution of silver sol" has been continued by Mr. Nayar and the results will be published in due course.

2. Dr. S. M. Sane has continued his investigation on "Nitrophenols" in collaboration with Mr. Shiam Sunder Joshi and Mr. S. N. Chakravarti, M.Sc.

3. The Indian Medicinal Drug *Picrorhiza Kurroa* (Indian Kutki) is also being investigated by Dr. S. M. Sane in collaboration with Dr. Dina Nath Seth, M.B., B.S., the Captain Kunwar Indrajit Singh scholar; and the drug *Embelia Ribes* in collaboration with Mr. Pearay Lal Asthana, M.Sc.

4. Dr. B. M. Gupta has continued his work which commenced last year on the "Interaction of Resorcinol on Ethyl benzyli-dene-di-aceto-acetate and Ethyl diaceto-succinic Ester."

5. Mr. A. C. Chatterjee has communicated the following papers to the Indian Science Congress:—

(a) "On Bradford's ion adsorption theory of Liesegang Rings."

(b) "Formation of Periodic Precipitates-IV-the limit of peptisation of various sparingly soluble salts in different gels."

(c) "In collaboration with Mr. N. G. Chakravarti, B.Sc. Hons. on "The evidence in favour of the existence of $\text{Ag}_2\text{Cr}^{0.4}$ in the colloidal condition in gelatin."

Needs.—Owing to insufficient accommodation in the Department M.Sc., B.Sc Hons. and research students work at present in the same room. Early in the session new plans for a Chemical Laboratory were submitted and it is hoped that the construction of the new Chemical Laboratory may commence in 1926.

3. BOTANY.—Changes in Staff.—Mr. S. K. Mukerji (Lecturer) proceeded to England on study leave at the beginning of the session, and has joined the University of London as a research student for the D.Sc. degree. His research carried out in this University was appreciated by Prof. F. W. Oliver, F.R.S., under whom he is now working in plant ecology.

Mr. H. P. Chowdhury, who went to England two years on study leave is still engaged on research in plant physiology under Prof. J. B. Farmer, F.R.S., at the University of London, but is expected to rejoin next term.

Mr. S. K. Pande was appointed to officiate for Mr. Mukerji and Mr. T. C. N. Singh (temporary demonstrator) was appointed as temporary Lecturer till March, 1926, Mr S. S. Varma being appointed demonstrator till that date.

Mr. A. K. Mitra (sometime demonstrator), who won a foreign research scholarship and left for Cambridge in September, has begun, under Prof. A. C. Seward, F.R.S., a piece of

research in continuation with what he did here as a U. P. Government research scholar.

Number of Students.—A notable increase has taken place in the number of post-graduate students, which is now eleven (8 in Previous and 2 in the Final year, in addition to one Honours graduate).

Research.—All the members of the staff have been engaged in research, and the following papers have been sent up for publication or for reading at the Bombay (1926) meeting of the Indian Science Congress.

- (1) *B. Sahni*.—The Southern Fossil Floras: a study in the Plant Geography of the Past. (Presidential Address, Geology Section, Indian Science Congress).
- (2) *B. Sahni*.—A revision of the Indian Fossil Conifers in the Collections of the Geological Survey of India, Calcutta (Geology Section, Indian Science Congress).
- (3) *B. Sahni and T. C. N. Singh*.—A contribution to knowledge of *Padlozylon Arberi*, Seward (Geology Section, Indian Science Congress).
- (4) *S. K. Pande*.—Notes on *Fossonbronia himalayensis*. (Botany Section, Indian Science Congress.)
- (5) *T. C. N. Singh*.—A note on Fasciation of Flowers in *Quisqualis indica*. (Journal Indian Botany Society, Volume 5).

Needs.—A fern house still remains one of the chief needs of the department, for many of the types of plants required for teaching cannot be obtained and the work inevitably suffers. It is urged that till this need is supplied the instruction of our students cannot be regarded as complete.

Accommodation in the museum is also fast becoming scarce, and there is need for the addition of a room.

The grant (Rs. 375) available this year for books and journals was very inadequate for a University Department where post-graduate teaching and research is to be carried out.

4. ZOOLOGY.—Changes in Staff.—Dr. G. S. Thapar who had been away in England on study leave for two years came back in September and rejoined the department. He worked in the London Tropical School of Medicine on Helminthology under Dr. R. T. Leiper, F.R.S., and was awarded the degree of Doctor of Philosophy on his thesis. Mr. Inayat

Ali Khan who officiated for two years in place of Dr Thapar has been appointed Lecturer in Zoology in the Aligarh University. Mr. S. S. Chowdhury left the department on his appointment to the Patna Medical College and Mr. Jagdishwari Dayal has been appointed Demonstrator in his place.

Teaching Work.—The tutorial work with the B.Sc. Honours and M.Sc. classes is now a regular feature of the teaching in the department. It is hoped that it will be possible to extend the tutorial work to the B.Sc. Pass classes also in future.

Miss Thillayampalam of the Isabella Thoburn College has very kindly given a special course in Cytology to the B.Sc. Honours and M.Sc. classes during this session.

Research Work.—Besides the members of the staff who have all been engaged in research, three D.Sc. students are working on different problems in the department. The following papers have been contributed during the year:—

(1) *Dr. K. N. Bahl.*—"On the Enteronephric Type of Nephridical System in *Woodwardia*"
(Accepted for publication in the Quarterly Journal of Microscopic Science, Oxford).

(2) *Dr. K. N. Bahl.*—"On the Reproductive processes of *Eutyphoeus*." (Submitted to the Indian Science Congress, Bombay, 1926).

(3) *Dr. G. S. Thapar.*—"On the Morphology and Systematic Position of *Echinopharynx*, a new genus of Bursate Nematode from *Testudo tabulata*."

(Journal of Helminthology, London, Vol. III No. 1, February, 1925, pp. 19-32).

"On Some New Members of the genus *Kiluluma* from the African Rhinoceros."

(Journal of Helminthology, Vol. III, No. 2, May, 1925, pp. 63-80).

"Studies on the Oxyurid Parasites of Reptiles."

(Journal of Helminthology, Vol. III, No. 3-4, August, 1925, pp. 83-150).

(4) *Mr. M. L. Bhatia* is working out the development of the Leech *Limnatis*. Mr. Misra is completing his work on the Lac-Insect while Mr. Radha Nath is working out the development of *Gryllotalpa*.

Museum.—A new Museum Room is one of our urgent requirements. A grant of Rs. 30,000 has been asked for from the Government for this purpose. Unless this sum is granted and a new Museum Room built, we shall be greatly handicapped as owing to the want of proper accommodation the specimens cannot be properly arranged and exhibited.

General.—In September, 1925, the Intermediate Biology Teachers' Conference was held in the Zoology Department under the auspices of the Intermediate Board. About 25 teachers from all over the province attended. The department organised special demonstrations for the teachers which proved very instructive.

The Head of the Department, on an invitation from the University of Nagpur, delivered two lectures there in November on "Evolution" and the "Determination of Sex."

5. MATHEMATICS.—Change in Staff.—Professor J. A. Strang who had gone on leave at the end of April, 1924, returned to the University on the 1st October, 1925. During this period Mr. Lakshmi Narayan officiated as Professor and Head of the Department, and Mr. Shyama Charan as Reader.

Examination Results.—Mr. Lakshmi Narayan reports that the results of the examinations in 1925 were highly satisfactory. In the B.A. and B.Sc. Pass examination only two out of nineteen candidates failed. In the B.A. Honours examination two candidates appeared, and both passed : and of the four M.A. and M.Sc. candidates three passed.

Research.—The Allahabad University has conferred the degree of D.Sc. upon Mr. Lakshmi Narayan, Reader in Mathematics, for a thesis entitled "Integration images and the failure of the curvature formula," based upon his previous work.

A number of papers, twelve in all, were also published or presented for publication by Mr. Oudh Upadhyaya, Research Scholar. These relate to Cyclometric equations of various orders, Abelian and other equations, group theory, the parabolic cylinder functions, Kapteyn series, and vector functions: a wide range of subjects which speaks of steady activity. They have been or will be published in the *Mathematische Annalen*, *Annals of Mathematics*, *Transactions of the American Mathematical Society*, and the *Tohoku Mathematical Journal*.

REPORT OF THE DEAN, FACULTY OF MEDICINE.

(*Major H. Stott, O.B.E., M.D., M.R.C.P., D.P.H., I.M.S.*)

Departments and Staff.—The following changes were made in the Departments and Staff during the year :—

Dean of the Faculty of Medicine and Principal.—On return from leave Lieut.-Col. C. A. Sprawson, C.I.E., I.M.S., resumed his office as Principal from the 30th October, 1925, but resigned on the 3rd November, 1925, (afternoon).

In accepting the resignation of Lieut.-Col. C. A. Sprawson, C.I.E., I.M.S., the Executive Council on the 16th November, 1925, passed the following resolution :—

“ Lieut.-Col. C. A. Sprawson, C.I.E., I.M.S., had resigned the office of Principal of the King George's Medical College. The Council recorded its high appreciation of the valuable services of Lieut.-Col. Sprawson as Principal of the College which office he had filled with distinction and with much benefit to the institution and students for a number of years. As the resignation was due to considerations of health, the Council did not feel itself justified in pressing for his continuance as Principal of the College. The resignation was accepted with much regret.” In his place Dr. Sahabzada Said-uz-zafar Khan (then on leave) was appointed permanent Principal. Major H. Stott, I.M.S., has been officiating as Principal and Dean since 1st August, 1925, when Dr. Said-uz-zafar Khan proceeded on leave.

Department of Medicine.—Lieut.-Col. C. A. Sprawson, C.I.E., I.M.S., returned from leave on the 30th October, 1925, and Major G. T. Burke, I.M.S., was appointed Civil Surgeon in the Provinces.

Department of Obstetrics and Gynaecology.—Lieut.-Col. H. C. Buckley, I.M.S., officiated for Lieut.-Col. T. Hunter, I.M.S., from 12th March, 1925, to 11th November, 1925.

Department of Surgery.—During the absence of Lieut.-Col. H. R. Nutt, I.M.S., on leave, Rai Bahadur Dr. R. N. Bhatia, F.R.C.S., was officiating as Professor of Surgery.

Dentistry.—Mr. P. Humm was appointed Lecturer of Dentistry with effect from the 6th November, 1925.

Department of Ophthalmology.—No change.

Department of Pathology.—In place of Mr. Bhagwat Sahai Srivastava, Mr. Bir Bhan Bhatia was appointed Demonstrator of Pathology with effect from the 1st August, 1925.

Department of State Medicine.—No change.

Department of Forensic Medicine.—No change.

Department of Anatomy.—During the absence of Dr. Sahabzada Said-uz-zafar Khan on leave Dr. J. N. Goil was appointed Officiating Professor of Anatomy, with effect from the 1st August, 1925. In place of Dr. C. K. C. Misra, Dr. Tribeni Prasad was appointed Demonstrator of Anatomy with effect from the 15th July, 1925.

Department of Physiology.—In place of Mr. Triveni Prasad Saksena, Mr. Surendra Lal Govil was appointed Demonstrator of Physiology with effect from the 15th July, 1925.

Department of Materia Medica.—No change.

Admissions.—Forty students were admitted to the Faculty for the degree of the M.B., B.S., and eight for the D.P.H., diploma.

Two statements—

- (1) showing the number of students under tuition in each class of the College on the 31st December, 1925, with their religion and place of residence;
- (2) showing the number of students in the College during the year under report and the two previous years, are enclosed as Tables 8 and 9.

Class work and Under-graduate study.—Forty-five students were sent to Madras for practical work in Obstetrics.

Post-graduate study.—The Post-graduate classes were held from January to March, 1925, and seven Provincial Medical Service Officers joined the class.

D. P. H.—Eight students joined the D. P. H. class during the session 1925-26.

Examinations.—The results of examinations are shown in Table No. 10.

Other Classes.—The classes for the training of Apprentice Sanitary Inspectors, Sanitary Inspectors, and L.P.H. were held as usual under the control of the Director of Public Health, U. P.

Prizes and Scholarships.—The prizes and scholarships awarded during the year are shown in Table 12.

The Indrajit Singh Research Scholarship founded by Raja Sir Harnam Singh was given to Messrs. Kapoor Chand Rai and Dina Nath Seth.

The following are some of the investigations carried out during the year 1925 :—

Pathology Department.—

1. Experimental studies in the production of Goitre.
2. An enquiry into the extent of Goitre in the United Provinces.
3. The production of standard agglutinable cultures for use in Dreyer's Technique of Typhoid diagnosis.
4. Reclassification and remounting of specimens in the Pathological Museum.
5. Remodelling and addition of new sections to the Museum (Medical Zoology Comparative Pathology, Medico-legal Bacteriology, and General Pathology).
6. Collection of meat and other specimens from Guy's Hospital, London, and from Hamburg for the Museum.
7. New Museum Catalogue.
8. Collection of Lantern Slides illustrating Pathological conditions from Royal College of Surgeons of England and from Tropical School, Calcutta.

Radiology.—1. Investigation into the ages at which various centres of ossification appear, and into the time of union of the epiphysis amongst Indians.

2. Progress in the collection of Skiagrams for the Radiological Museum.

Physiology.—1. Researches into the digestibility of various kinds of rice used in the United Provinces.

2. Researches into drugs of addiction.

3. Researches into certain aspects of the action of Strychnine and Quinine.

Materia Medica.—1. Clinical investigation on nine indigenous drugs (Chota Gokhru, Gurch, Gugal, Bhilanwan, Malkangni, Inderjab, Dudhi, Jalnim, Kutki).

2. Cataloguing some 300 drugs presented by Rai Bahadur Dr. B. N. Vyas to the Museum.

Ophthalmology.—The special investigation carried out in the Department was in relation of Syphilis to primary Glaucoma.

Medical Jurisprudence.—Collection of specimens of Medico-legal interest for this section of the Pathology Museum.

Department of State Medicine.—The following investigations were carried out :—

(1) Some water samples were analysed chemically and bacteriologically to determine how far they affected the potability of the water.

(2) Eleven samples of water were analysed chemically at the request of the Professor of Pathology in connection with his Goitre inquiry.

(3) The germicidal efficiency of several disinfectants received from the Government was tested to see how far they possessed the merits claimed for them by their manufacturers.

(4) Samples of Ghee from the King George's Hospital and certain public bodies were analysed for adulteration.

(5) Some colouring substances used in this country in the making of sweetmeats were examined to ascertain if they contained substances deleterious to health.

Surgery.—The special investigations were carried out in Surgery Department in 1925 on the following subjects :—

(1) Effect of Steinacle's operation on the blood pressure, general health, and semile decay.

(2) Laparotomy and oxygenation of the abdominal cavity in abdominal tuberculosis.

(3) The use of concentrated antitetanic serum in cases of tetanus.

(4) Venoperitoneal anastomosis in treatment of ascitis due to portal obstruction.

Special.—Table 13 shows the number of examinations carried out in the Pathology Laboratory in 1925.

Library.—During the year 148 books were added to the Library.

The total number of books in the Library is 3,982.

Medical and allied subjects	...	...	2,937
General and allied subjects	...	...	1,045

General remarks —The past year has been one of steady all-round progress, but many big extension schemes are becoming increasingly essential. During the Great War and in the more recent post-war period when the adjustment of the Medical College to its new conditions in the University was being worked out such schemes of necessity had to take a back place, but now those subjects paucity of Hospital teaching beds, especially in the specialized subjects makes the development of Tuberculosis, and Ophthalmic, Infectious Fever and their Hospitals of ever increasing importance. Above all the early establishment of a far larger and better equipped Maternity Centre has been forced upon us by recent decision of the inability of the Madras Government to receive our students after July, 1926. This is an urgent problem to which we must bestow urgent and persistent attention. A second pressing requirement is a satisfactory Cold Storage arrangement for dissection of bodies in the department of Anatomy whilst the importance to our student and to the progress of our Science in the post-mortem examination of every possible case which dies in Hospital needs further and fuller recognition.

Especially gratifying in the past year has been the increasing development of the College Museums, Pathological, Radiological, and Materia Medica.

The health and discipline of the students has been good and it is very pleasing to note their keenness on all forms of sport. The different teams invariably do well. The Clinical Society and Medical College Magazine both rest in a self-supporting standard basis and are progressive, instructive, and well-established concerns.

Colonel Needham, the Inspector appointed by the Government of India on behalf of the General Medical Council, again visited the College and was present at some of the University Examinations.

REPORT OF THE DEAN, FACULTY OF COMMERCE.

(*B. N. Das Gupta, Esq., B.A., A.S.A.A*)

Changes in the staff. - There were no changes in the staff during the year under report.

Enrolment.—There has been an increase in the number of students (from 41 to 52) in the 1st year class. A steady increase, therefore, in the number of new admissions will be observed.

Practical Training.—It is to be regretted that no commercial tour could be arranged this year (as it was done last year) owing to stringency of funds. The University authorities are, however, trying to meet this legitimate demand of this Faculty.

Students' activities.—Quite a number of instructive lectures were delivered under the auspices of the B. Com. Students' Association by men of eminence. The Journal which was started last year by this association is still being successfully carried on. Commerce students' activities in this direction are worthy of mention and I wish the University could find its way to subsidise such an enterprise.

Other needs.—In addition to ampler accommodation, additions to staff are also absolutely essential. The burden of work on the present staff is very heavy and in these days of specialisation, I feel more teachers are essential.

Publication.—Mr. D. Pant, B. Com., F. R. E. S., F. S. S., has written a leaflet "the Naik problems of Kumaun." The manuscript of his book "Business English" is in the press. Several articles have been written by him, published in various magazines.

Mr. B. N. Chatterji, M.A., B.L., wrote an article on "The affairs of the Alliance Bank of Simla".

Mr. D. S. Dubey, M.A., LL.B., had the honour of being invited to give evidence before the Indian Economic Enquiry Committee at Allahabad. Besides contributing several articles in Hindi in various monthlies, he wrote the following articles in English:—

1. Inequality of Taxation in British India.
2. A Scheme for All India Economic Survey.
3. Suggestion for making Indian Tax system more equitable.
4. Some problems of Agricultural Development.
5. Can the scheme of Dyarchy be a success in India?

Distinctions.—Ch. Sitwat Ali was awarded the "Raja Sir Harnam Singh—Sir Ludovic Porter Gold Medal" for the year 1925.

REPORT OF THE DEAN, FACULTY OF LAW.

(*Jagmohan Nath Chak, Esq., B.A., Bar-at-Law.*)

Enrolment.—The University session opened for the Faculty of Law on the 3rd of August, 1925. There were 184 admissions into the Previous Class against 182 of the previous year and 174 into the Final Class against 152 of the previous year.

Ordinances.—The *Viva Voce* examination has been abolished and the Ordinances amended accordingly.

Results.—The results of the examinations will be found in Table No. 1 printed on page 59. On the representation of failed candidates for the Final LL.B. Examination, it was decided to re-examine their answer books. The results are not yet published.

Lectures.—University extension lectures have been delivered by Mr. Ajit Prasad Jain on the Law of Conspiracy under the Chairmanship of the Dean.

Medals and Prizes.—The Convocation of the 7th November, 1925, was the first one in which a gold medal founded by the Hon'ble Justice Pandit Gokaran Nath Misra in memory of his deceased father was awarded to a Law student (Mr. Iqbal Ali). The Dean was also enabled by the generosity of Mr. Justice S. R. Daniels to award to Mr. Iqbal Ali a prize of 7 volumes including reports.

REPORT OF THE LIBRARIAN.

(Dr. Wali Mohammad, M.A., Ph.D., I.E.S.)

1. General.—The year under review marks further advance in the organisation of the University Library. The work of classification and cataloguing has been pushed forward to a remarkable extent and the circulation and the use of books increased considerably. Almost all the books in the Central Library have been properly catalogued and some of the books in the Department Libraries are well in hand.

Departmental Libraries are still maintained and there are about 9,000 books in them chiefly in Science, Economics, History, Commerce, and Oriental Literature. Some of these Departmental Libraries have at the instance of the Librarian agreed to keep only such books in them as are required for class-work during each term, returning the same to the Central Library in exchange for new ones required in the following term. This arrangement allows the Central Library to retain the largest number of books at a time for general use and enables more than one Department to make use of the same books.

2 Extension.—Owing to the lack of funds, no special extensions could be made during the year though several book-shelves and special racks for periodicals have been acquired.

3. Cataloguing.—Last year the number of total books catalogued was about 12,000 while during the year under report about 10,000 more books have been catalogued, thus bringing the number of catalogued books to 22,000. This means that all the books in the English language in the Central Library have been properly catalogued. The Oriental books with the exception of a few Sanskrit books have also been classified and catalogued on the same line as the English books, but the cards for these have been prepared in Persian and Deo-Nagri characters respectively. The books which still remain uncatalogued are mostly in the Departmental Libraries.

4. Expenditure.—The University grant available for this year was Rs. 8,000 both for Recurring and Non-Recurring expenditure. The current periodicals alone cost about Rs 4,000 and it was found extremely difficult to satisfy the demands of the various Departments. A sum of Rs. 5,000, however, was made available out of the balance of the Government Grant and enabled the Library to make a few additional acquisitions both as regards books and equipment.

5. No. of books.—The total number of books purchased during the year was 636 as compared with 3,216 purchased during the preceding year. One hundred and thirty-two publications were received gratis from public and private donors.

6. Binding.—It was mentioned last year that the Library suffered greatly from the neglect of binding work during the previous years. The work of binding old and new books was continued in right earnest and more than 800 volumes were bound besides about 200 volumes repaired by the Library daftri.

7. Periodicals.—The number of current periodicals subscribed to by the University Library is the same as that of the last year, viz., 240,

but the number of those received gratis has risen to 8. Out of these 8, 5 periodicals on Agriculture, Science, Labour, and Industries, respectively are received from the Government of India, and others from the U. P. Government, the New York Public Library, and the Kokab-i-Hind Press, Agra.

Special periodical racks with drawers for keeping the current and the back issues of the various periodicals have been procured and are found to be very useful

8 Back volumes of periodicals.—Back-sets of the following two very costly and important Indian Periodicals have been acquired :—

1. Indian Antiquary.
2. Epigraphia Indica.

9. Circulation of books.—The number of borrowers has risen from 758 to 800, and the circulation of books shows corresponding increase due to, as was expected, proper classification and cataloguing of the books. Last year the number of books issued out was 20,796, and this year it has gone up to 26,374, giving an average daily issue of 160 books as against 132 of the previous year. This shows an increase of more than 20 per cent during the year. The increase in the circulation becomes still more evident when it is noticed that only two years ago, *viz.*, in 1923, the number of books issued was only 85 against 160 to day. In addition to this issuing of books about 300 publications are consulted and used daily in the Library.

These figures do not include the issue of books in the various Departmental Libraries where no uniform rules for the issue of books are observed and for which no figures are available.

Several cases of disfigurement of illustrations and destruction of books have come to light in spite of the strict vigilance exercised.

10. Fines.—Fines are imposed (a) for delay in returning the books, (b) for loss of books, and (c) for loss of borrower's cards and the amount of fines realised during the year amounted to about :—

Rs. 200, Rs. 28, and Rs. 45 from these sources respectively, giving a total of Rs. 273.

11. Staff.—The Library staff is by no means a large one and the addition of a Cataloguer appointed last year was of great assistance. As mentioned above, so far about 22,000 books have been properly catalogued and 10,000 books still remain uncatalogued. This work will no doubt be continued during the next year though it could hardly be expected to be finished at an early date. The heavy increase in the number of books issued has made it impossible for a single clerk to deal with the issue work. Repeated requests for additional staff have been made with no success and consequently the work is greatly hampered. If a new clerk is sanctioned, he will be able to specially look after the Oriental section and render assistance in the English section as well.

The work of the Library is now getting properly co-ordinated and the Honorary Librarian acknowledges the loyal assistance which he has received from his staff.

REPORT OF THE TREASURER.

(S. M. Habibullah, Esq., B.A., O.B.E.)

I took over charge of the duties of Honorary Treasurer on 17th February, 1925.

2. As would appear from the report of the previous year, Dr. Said-uz-zafar Khan Sahab with the assistance of Assistant Registrar, Mr. Butt, remodelled the Accounts of the University and made a strenuous effort to bring them up-to-date and on business lines. The improvements thus effected appear from the Note of the Auditors of the University Accounts.

3. The checking of the stock of various departments and the introduction of forms for use of various departments is being carried on this year by the Assistant Registrar who has been placed on special duty for this purpose. The list of demand of the Canning College subscription in the various districts has been found to be very inaccurate. The transferees of the 'Taluqdars' estates, in many cases, refused to pay the subscription being non-Taluqdars. The district Officers did not press for it, not knowing the provision of the Canning College Act. The work of the correction of the list is in progress; it is both prolix and complex and will take time.

4. The deficits in the University Budget appear to be the chief feature of each year during the last three years. My predecessor remarked: "It is unfortunate that owing to this continual deficit the subscriptions realised from donors during the past years have not found their place in the permanent capital fund of the University." This year it was decided to invest a lakh and a quarter out of the balance of last year in spite of the fact that we were face to face with the deficit budget.

5. So far Rs. 23,72,381 has been realised out of the promised subscriptions of the University and the non-realised balance amounts to Rs. 6,39,263. Our investment as remarked by my predecessor should have been much larger than it has been. But the construction of a new University depended largely on the expenditure, hence we could not invest as much as we should have. The balances of the subscription are not so easy of collection, the only gratifying fact being that some of the donors in arrears are solvent and big Taluqdars and we expect to realise their subscriptions by means of yearly instalments. A good portion of the balance will remain unrealised owing to the insolvency of the donors and for other reasons.

6. The introduction of the system of Block Grant for five years by Government to the University is likely to hamper the progress of the institution in many directions. It will, however, have the advantage of giving us a clearer knowledge of our financial position in future when we have finished our struggle with the Government in respect of our adjustment of the grant.

7. So far as the Annual Accounts and Balance Sheet of the University for the year 1924-25 go, they will be found printed at pages 10 to 16 as Appendices to the proceedings of the Executive Council, dated the 3rd August, 1925.

8. It would appear from the Revised Estimates of 1925-26 that our deficit amounts to Rs. 90,225. These estimates have been made on the Block Grant principle which needs Reserves for the coming year to meet

the excess in the amount of salaries due to yearly increments as well as in the Provident Fund contribution. This deficit, it is proposed, will be met out of the opening balance at the beginning of the year and from the amount which we expect to receive from Government against current year's demands.

9. The year 1925 has been one of continued strain for the University authorities who had to adjust the finances. The year to come may safely be predicted as brighter.

10. The staff of the Accounts Department had to work harder than ever. In the beginning of the year the Accountant had left and it took some time before we could select his successor who was inefficient and had to be replaced by another man whose selection again took time. The new Accountant owing to his want of knowledge of the University Accounts had a great handicap but he has done his very best to cope with the work. But for the Assistant Registrar, Mr. Butt, who can claim to be the organiser of the new system of the University Accounts, I would not have been able to carry on the work and my thanks are due to him. I may also acknowledge the work of the Accountant and Clerks of the Accounts Department each of whom has done his bit according to his capacity.

REPORT OF THE PRINCIPAL, CANNING COLLEGE.

(*Dr. M. B. Cameron, D.Litt., M.A., B.Sc.*)

Hostels.—The event of the year has been the completion and opening of another hostel which has brought the accommodation for resident students up to 400. The new hostel stands higher than the others on the additional land acquired from the Lucknow Improvement Trust which makes a very considerable westward extension of the Badshah Bagh site. The additional area measures about 52½ acres and is sufficient to accommodate a fifth hostel as soon as it is found practicable to build one. There can be no doubt that it will be required. The new hostel was filled up as soon as it was opened and indeed had a waiting list. Applications for the other three hostels were also in excess of accommodation but the pressure of last year has been distinctly lessened for the time being. The new hostel has by special permission been named the Mahmudabad Hostel, commemorating alike the distinguished public services of the late Home Member the Hon'ble the Maharaja of Mahmudabad and the special interest which he has taken from the beginning in the Lucknow University. The hostel is built on the same plan as the existing hostels with some minor improvements suggested by experience. It accommodates both Hindus and Muhammadans and it is very gratifying to note that both here and in the Hewett Hostel where students belonging to both communities live together the greatest good feeling has prevailed. The Sub-Warden of the Hewett Hostel concludes his report by saying "It gives me great pleasure to see the good fellowship that exists between the two communities in the Hostel." The Warden adds: "I have pleasure in corroborating Mr. Roy's statement regarding the improvement in the relations of the Hindu and Muhammadan residents during the present session. The increasing readiness to co-operate in hostel activities has already shown good results in the joint production of a hostel drama 'Joan of Arc'".

This very satisfactory state of matters reflects great credit on the students themselves, but it also speaks well for the sympathy and tact of the Wardens and Sub-Wardens who keep in close touch with the students under their charge and do all they can to encourage social life in the hostels. Each hostel has its Union to organise debates and entertainments and its games club. The three older hostels with their pucca Tennis Courts have also clubs, with a special subscription for Tennis, which are well patronised. The Mahmudabad Hostel is still without a pucca Tennis Court but as soon as practicable that should be provided for it. As I write this report I get the welcome news that Mr. Smith has succeeded in getting the very handsome sum of Rs. 300 through the kind help of the Hon'ble Mr. Justice Stuart from the Stewards of the Lucknow Races. This sum will provide a Challenge Cup for competition among all the University hostels in the various team games. It will be a useful supplement to the Challenge shield open only to the four hostels which was presented by the Students' Science Association last year.

In the Butler Hostel a rather novel and highly commendable social activity has been started in the shape of a night school for servants. A very pleasant feature of hostel life has been friendly games with members of the staff in Tennis, Volley Ball, and Badminton. There has been an awakening of interest in Music especially I believe in the Butler Hostel and the Mahmudabad Hostel. A University Musical Association would be a distinct advance in the direction of providing the full all-round culture which is as much the business of the University as teaching and research.

The health of the hostels has been excellent on the whole. With deep regret the death of one student in the Butler Hostel has to be recorded. He died in the Medical College Hospital from diphtheria, but this was an isolated case of infection from without which did not show itself until too late. There were no other cases. During the small-pox epidemic in the city in the spring many students got themselves vaccinated and there were no cases in the hostels. There was some malaria in the rains but it never assumed serious proportions. At the same time with about 400 students resident the Dispenser had a busy time attending to minor ailments. In addition to what he attends to on his daily rounds, his Dispensary which is open from 9 to 11 a. m. and from 4 to 5 p. m. is taken full advantage of. With a view to retrenchment the services of Dr. Banarsi Das, the paid Medical Officer, were dispensed with from October 31st and Dr. Goil of the Medical College has accepted the appointment as Honorary Medical Officer, with a conveyance allowance of Rs. 50 p. m. He has not, however, been able so far to do more than begin the Medical Examination of students as required by Regulation C-2 of the Regulations for Residence, Health, and Discipline. Dr. Banarsi Das had made good progress towards the fulfilment of this Regulation and it will be very regrettable if the statistics already accumulated should lose value by interruption or discontinuance of the collection of data. If a suggestion may be made here, the question of how best to see that Regulation C-2 is observed should be referred to the Faculty of Medicine. The Regulation is in the best interests of the students and the statistical information will be exceedingly valuable and of special interest to that Faculty.

Dr. Goil gives it as his opinion that the four beds reserved in the Medical College hospital for students are not sufficient and recommends

that 2 per cent of the hostel accommodation or ten beds should be so reserved.

Dr. Bazlur Rehman was appointed Warden of the Mahmudabad Hostel and at considerable inconvenience to himself is occupying the small lecturer's bungalow which was really built for the Sub-Warden but is all that the finances permitted to be built this year. The Sub-Warden too Mr. S. K. Pande is inconvenienced by having to occupy rooms in the hostel itself. It is to be hoped that money will be forthcoming in the new Budget to enable the Warden's Bungalow to be built. The Warden and Sub-Warden have made an excellent beginning with their organisation of the hostel, and I am confident that under their management the New Hostel will soon be able to hold its own in popularity with any of the others.

Lieut. Mukerji, Sub-Warden of the Meston Hostel, went on study leave in September and his place has been taken by Dr. Sukumar Banerji whose keen interest in the work is noted by the Warden.

On Mr. Strang's return from furlough in September, Mr. F. T. Roy reverted to his substantive post as Sub-Warden. I should like to place on record my appreciation of the very efficient way in which he managed the Hewett Hostel when officiating as Warden.

Mr. Nixon who takes a keen interest in the encouragement of dramatic performances has given me a valuable note on the subject from which I quote the following :—

“At the beginning of this session an attempt was made to form a Dramatic Society which should unite all the dramatic talent in the University and should annually perform dramas in English and the vernaculars. It was hoped that by lessening the number of plays performed it would be possible to raise the standard of production and to avoid the waste of time, energy, and money involved in having so many sectional dramas. It was further hoped that by this means it would be possible in time to raise money to build a permanent stage and to collect properties, etc., of our own.”

A scheme was worked out and met with a ready and enthusiastic response from many who were really interested in drama, but the old tradition that each hostel should stage its own shows was unfortunately too strong and the Hewett Hostel, the Harcourt Butler Hostel, and the Meston Hostel have each given performances which were very creditable and were very largely attended, and now the non-resident students and the Mahmudabad Hostel not to be out-done are getting up performances on their own. This dissipation of energy has led to the abandonment of the one projected performance of an English play (Hamlet) which was well under way under Mr. Nixon's very competent supervision. All these sectional performances no doubt involve a great waste of time, energy, and money. The Vice-Chancellor has noted this and I fully agree with him in his letter to me when he says: “It seems to me that in a matter like this it would be far more advantageous if the students of the University or at least of one College could pool their resources. Dramatic talent is by no means common and by better organisation and a wider field a much more efficient selection could be made as also a more inspiring example set for the budding genius.”

Buildings.—The staff has been chiefly busy during the year with the arranging for the completion of the Mahmudabad hostel and the supervision of the works to be done in that connection. The erection of the two wings, the kitchen, the servants' quarters, the bathing shed, the latrines, and the sweepers' quarters, the equipment with furniture and with electric and water supply. The road to the Hostel has not been properly finished owing to scarcity of funds but it will be completed in the next financial year. Other works completed are the Rifle Range in accordance with specifications given by the Military authorities, outside urinals for the Harcourt Butler Hostel and servants' quarters, for the Assistant Warden's quarters near the Mahmudabad Hostels. The necessary repairs and maintenance of buildings have been duly attended to and necessary alterations have been made, notably the provision of a roof-light for one of the library rooms which was too dark, the additions of a room to the accommodation in the Warden's Bungalow at the Meston Hostel and also in the Sergeant's Bungalow.

The most urgent of all—the erection of a new Chemistry Laboratory has been receiving careful attention. Rough plans and estimates have been prepared and a suitable site decided upon—all that is awaited now is the allocation of funds by the Government, and it is hoped this will be done in the next Provincial Budget. The extreme urgency of this need has been fully explained in previous reports and is now generally recognised.

Mr. Smith is increasing the productivity as well as the amenity of the Badshah Bagh by making a papita plantation in a part hitherto unused near a large well. Under his orders and supervision the garden staff work efficiently to keep the grounds as well as can be done with the limited resources in the way of funds and water supply.

Athletics.—In the beginning of January the annual Tennis tournament commenced and continued till the end of the month. As this is the most popular game in the College about a hundred competitors took part in the tournament. The winner of the singles was Raghubir Chandra and the pair that won the doubles consisted of P. N. Dutt and Raghubir Chandra. In February a sports shield was given by the Science Association to be competed for by the Hostels of Canning College. Hockey matches only were played as it was too late for cricket and foot-ball and resulted in an equal number of points being scored by each hostel.

In order to secure greater continuity of policy and more careful management the Games Committee passed a new rule that the President and Treasurer of the Athletic Association will be nominated by the Principal, Canning College, both officials being members of the staff. Mr. F. T. Roy was nominated as President and Mr. H. L. Dey as Treasurer of the Association. They look after all orders for materials and payments so that the work of the Secretary has been reduced to correspondence and making arrangements on match days. The office has in fact been held in abeyance this year as there was some dispute as to the mode of election and the duties have been performed by the Captains of the various games. All the games are now being played in their season and while Tennis remains the most popular, quite a fair number take part in Foot-ball (which is played only in the rains) in Hockey and in Volley-ball and Badminton, the latter on the Hostel grounds only. The Foot-ball team won the trophy in the Shining Star Tournament—the first time since its establishment that the University has been successful in a Tournament.

The President is glad to be able to say also that interest in cricket is again being revived and a good number of hostellers as well as day scholars turn up for practice every afternoon. Inter-hostel league tournaments in all the games have been started and a fine Cup has been given by the Stewards of the Lucknow Race Course to be awarded to the University Hostel which obtains the greatest number of marks in the various contests.

The boats for the Boat Club are now on their way from Calcutta. Over 20 students entered for and passed in the swimming test in the river which is required of those who wish to join the Club.

Gymnastic practice on the parallel bars, etc., finds favour with a number of students who are taught regularly by a paid instructor at the Baradari.

At a recent meeting of the Games Committee the kind offer of Raja Chandapur to provide an expert instructor in Binwat and Banaithi was accepted and those who wish to take advantage of it are being notified.

Oriental Department—Arabic and Persian.—Last year there were 66 students on the rolls of the Arabic and Persian Diploma classes and the number of the students that have got admission this year is 130. Not having enough of teaching staff, we provide teaching for four Diploma Examinations only instead of for six, but there is a strong demand for the other two classes as well. Last year requisition was made for the addition of one more Maulvi to the staff, but the financial stringency has so far prevented anything being done. The need is very pressing indeed because the present staff cannot cope with the increasing amount of work. Some stipends for students who are very poor should also be provided if possible. The interest that the public is taking in the progress of this department is clear from the fact that Nawab Nisar Ali Qizilbash, Secretary, Board of Trustees, Shia College, Lucknow, and Maulvi Mohammad Ayyub of Firangi Mahal, Lucknow, have given Gold medals to be awarded to the best candidates in the Fazil-i-Adab and Dabir-i-Kamil examinations respectively of this year. We are grateful to them for this generous encouragement.

Sanskrit.—It has been felt for some time that the Sanskrit Section needed re-organization with a view to giving better preparation for students appearing for the Benares Examinations. Both the Academic and the Executive Councils considered the question and have recognised the desirability of appointing an Assistant Pandit. It now rests upon the Government to grant the required money. Small stipends or scholarships will help in the development of the Sanskrit Section, as the students are usually very poor. Here it is true as is the tradition in all Pathasalas there are no tuition fees paid but board and lodging are also given in many such institutions.

REPORT OF THE PRINCIPAL, KING GEORGE'S MEDICAL COLLEGE.

(Major H. Stott, O.B.E., M.D., M.R.C.P., D.P.H., I.M.S.)

The following number of students are residents in the various hostels attached to the College:—

C. G. Hostel	...	...	...	...	125
C. G. „ Annex	...	...	...	...	7

T. G. Hostel	...	...	...	70
Lady Students' Hostel	...	...	...	1

The increased accommodation by the new C. G. Extension has temporarily solved the problem but with the expected increase in the number of students the problem will be once more acute unless an extra twenty rooms are added. A night latrine and day urinal on the existing lines will have to be provided for the additional rooms.

Kitchen.—The present kitchens, dining room, and dining room furniture is anything but sanitary. Plans for a new dining room with imitation marble top tables, gauze doors, etc., have been drawn up and sanctioned, but the work has not yet been started.

Latrines.—The new system is working satisfactorily.

Water supply.—The flow is quite satisfactory but a practical drawback of the system is the frequent pumping that has to be undertaken to keep the automatic flushes working because of the smallness of the reservoir used. It would be an improvement if these small tanks be abolished and the unused big tank be utilised as a reservoir. The frequent pumping is a constant source of disturbance to the students near the place.

Wardens.—Capt. J. G. Mukerji continued as Warden of the C. G. Hostel and Dr. B. G. S. Acharya as Warden of the T. G. Hostel.

Assistant Wardens.—*C. G. Hostel and C. G. Arneze No. 1*—Mr. C. P. Misra.

T. G. Hostel.—Capt. J. N. Goil.

Health and Discipline.—Health of students—quite good, with one or two exceptions. The students have been very well behaved.

Hostel Life.—A medical student with his hospital duties, lectures, demonstrations, emergency duties—has a full life with little time for recreation. The following papers are subscribed for the Hostel :—

Daily :—"Leader" and "Indian Daily Telegraph."

Weekly :—"Illustrated London News," "Times of India" "Tit-bits,"

Monthly :—"Blackwood's Magazine," "Review of Reviews," "Modern Review."

Quarterly :—"Geographical Review."

Ping-Pong is the favourite in-door and Tennis the out door game.

A Dramatic Association has been started this year by the students of the C. G. and T. G. Hostels on the lines of the Athletic Association of this College.

The following is an extract from the Warden, C. G. Hostel's report :—

Fans :—"I cannot but help repeating my demand for Fans for the Common Rooms. I also urge on the necessity of allowing students fans on payment for their rooms. My suggestion is to quote last year's words : 'A meter be put on the Verandah of each storey and the total cost per month be divided among the students. The students paying for electricity will themselves take good care to see that no one who does not contribute uses the fan.'"

Assistant Wardens' Quarters—The Assistant Warden has been living in one of the quarters meant for the House Staff and naturally these are too small for him. The best solution is to add a room, a bathroom, and a verandah to the present quarters if a new house is not likely to be sanctioned. I suggest that these additions be made on the existing wall which separates the Assistant Warden's quarters from the Bathroom Area.

Games and Amusements.—As usual Tennis and Hockey are chiefly played in the College.

Gardens.—(1) A mango grove has been planted —(about 50 plants).

(2) Additional lemon plantation of about 100 plants.

(3) Water supply is established and is satisfactory. The general look of the garden consequently is better.

(4) Amount realised from garden produce is Rs. 1,638-8-0 from 1st April, 1925, up to date.

(5) Vegetables were grown and were supplied to Hospital.

Sanitation.—During the year 1925 work was carried out by the reduced conservancy staff, as suggested in the reorganization scheme. Each member of the staff was given a certain amount of work on approved lines based on experience. There has been no loss of efficiency. On the other hand there has been a marked improvement in the sanitation of the College and Hospital.

Action is being taken to provide the sweepers with badges.

General.—The Works Department has been carried on with difficulty—and has been unsatisfactory. With no less than four different individuals in executive charge of the Department at different periods of the year, and with a big reduction in staff on account of retrenchment perhaps this is not altogether surprising. But a great improvement is required in the running of this department if great damage is not to be inflicted on the College and Hospital Buildings and on their services.

WORKS DEPARTMENT.

General.—There has been retrenchment in staff due to the combination of both Divisions.

The following posts came under reduction :—

1. Sub-Overseer	...	...	...	1
2. Correspondence Clerk	...	...	...	1
3. Peon	...	...	...	1

Buildings, (Major Works).—During the year under report the following original works were completed :—

1. Construction of a compound wall from the C. G. Hostel extension to the newly constructed Baths and Latrines.

2. Construction of a covered passage from the old C. G. Hostel to the newly constructed Baths and Latrines.
3. Iron fencing near the new C. G. Hostel.
4. Electrification of the newly constructed Baths and Latrines.
5. Supplying furniture for the new C. G. Hostel.

In addition to the original construction of the above works out of the allotment of Rs. 25,000, the final accounts for the construction of Latrines and Baths and water supply and Sanitary connections to the Baths and Latrines were scrutinised and paid for. The construction of Servants' Quarters for the new C. G. Hostel as budgetted for was not taken in hand to utilise the money for constructing a common Dining Hall. The available balance left for this purpose is Rs. 6,043-12-0.

Petty Original Works.—The following works not ordinarily provided for in the Budget were carried out with the approval of the competent financial authority and charged to Minor-Head, (c)—Maintenance and Repairs of Buildings in King George's Medical College and Hospital.

(i)—King George's Medical College :—

1. Making a research room in the Physiology Department by means of certain additions and alterations.
2. Supplying and fixing plate glasses to the Almirahs in the Pathological Museum.
3. Supplying and fixing plate glasses to the Public Health Almirahs.
4. Painting, enamelling, and polishing Almirahs in the Pathology Department
5. Preparing and supplying angle iron frames for racks in the Pathology Department.
6. Supplying racks, benches, and drawers for the Pathology Department.

(ii)—King George's Hospital :—

1. Addition and alteration to the small verandah southward of the Hospital Main Building for the Professor of Medicine.

The following electrical and mechanical works were undertaken and completed :—

1. The installation and electric wiring for a Pump motor in the new C. G. Hostel.
2. Construction of an underground masonry tank in the Gas House for the 3rd Gas Holder.
3. Fitting the old Gas Holder with the necessary pillar, pulleys, chains, suspenders and weights and fixing it in an underground tank.
4. Fixing and supplying pipe and other appliances for connecting the 3rd Gas Holder to the Gas Producer.
5. Purchase of 13 (new) electric fans.

The total amount of works done during the year on various heads are :—

	Rs.
(i) Original Works (Road and Buildings) ...	28,000
(ii) Original Works (Electrical, Mechanical, and Sanitary)	5,000
(iii) Special repairs in Electrical, Mechanical and Sanitary	4,835
(iv) Repairs in Roads and Buildings ...	26,000
(v) Repairs and maintenance of Electric and other installations including current charges	45,165
TOTAL ...	1,09,000

The cost of establishment and contingencies is Rs. 6,370. The percentage of cost is therefore 5·8.

As the Government did not sanction sufficient allotment for the year many works could not be taken in hand as proposed.

REPORT OF THE SUPERINTENDENT, KING GEORGE'S HOSPITAL.

(*Rai Bahadur J. P. Modi, L. R. C. P. & S., L. F. P. & S.*)

Medical, Surgical, Ophthalmic, and Gynæcological patients are admitted to the Hospital wards for treatment. Out-patients are treated in different out-door departments of the Hospital. A separate ear, nose, and throat branch as also a tuberculosis branch are attached to the Out-patient Department. There is also an X-Ray Department in the Hospital. Female Medical and Gynæcological patients are attended to by a Lady doctor in the Out-Patient Department. Urgent cases are attended during all the 24 hours in the emergency room. During the year, 1,033 were treated as emergency cases.

The official number of beds in all the wards of the Hospital according to the original accommodation is 228, though actually 250 beds on an average per day are maintained by putting extra beds and couches. These are, however, found to be inadequate owing to a great rush of patients seeking admission especially into the Surgical and Ophthalmic Wards.

A small ward of 4 beds is reserved for the University students, who are allowed diets on a European scale and are also provided with other facilities, which are ordinarily allowed to patients in the Private Wards.

Surgical Department.—The number of beds in the Surgical Department is too small for the needs of the Hospital, hence a large number of applicants for admission has to be refused every day. The want of accommodation is keenly felt during the winter months, when the average number of refusals amounts to about 10 persons per day.

A suggestion was made last year to increase the accommodation by temporarily enclosing the verandahs of the surgical wards by wire netting and furnishing with 28 extra beds, but no action has yet been taken.

One thousand two hundred and thirty-five patients were admitted into the Surgical wards as compared with 1,145 in 1924 and 15,953 were treated in the Out-patient Department as compared with 14,655 in 1924.

The number of selected operations performed during the year was 735 as compared with 705 in 1924.

A large number of abdominal operations was performed during the year under review as during the last year. Those of special interest were :—

1. Excision of gasserian ganglion.
2. Laminectomies for spinal injury.
3. Drainage of ventricles in hydrocephalus.
4. Operation of Rib mobilization in the treatment of Pulmonary Tuberculosis.
5. Steinach's operation, which is performed on the continent for rejuvenation. Its effect on senile decay, general health, and blood pressure was noted.

In the Surgical Out-Patient Department, Margosic acid preparations were tried with success in the treatment of wounds. A special section was created for the treatment of patients suffering from venereal diseases on modern lines. It is not possible for the surgeon in charge of the Out-Patient Department to cope with the increase of work in this section. It is, therefore, desirable that an Honorary Surgeon should be appointed for this section.

Dr. P. C. Kacker, M.B., F.R.C.S., was appointed as Honorary Surgeon to the Ear, Nose, and Throat Branch of the Out-Patient Department in March, 1925, and attends this branch on three days in a week. He has commenced investigations into the classification of causes which lead to purulent discharge from the nose.

Dr. P. S. Humm, L.D.S., was appointed as lecturer in Dentistry (*vide* Resolution No. 21 of the Executive Council, held on 14th September, 1925,) and attends the Dental branch of the Out-Patient Department on Mondays and Fridays, when the senior students receive clinical instructions on this subject.

Ophthalmic Department.—The number of patients treated in the In-door and Out-Patient Department in 1925 was 930 and 10,571 respectively as compared with 890 and 9,430 in 1924, thus showing an increase of 40 and 1,141 respectively.

Four-hundred and fifty-one patients were operated upon for extraction of lens as compared with 421 in 1924.

The refraction work done in the Out-Patient Department has enormously increased.

Among the special investigations conducted in the department may be mentioned :—

1. The syphilitic affections of the eye.
2. The co-relation of primary glaucoma to syphilis.

Owing to financial difficulties it has not been possible to get the new instruments, and it is hoped that the University will see its way to adequately supply the necessary funds so that the patients and students may be benefited to the fullest extent.

Medical graduates apply in large numbers for post-graduate work in this department. Uptil now it has been possible to take only one post-graduate student at a time because the variety of clinical material necessary for such a training cannot find admission into the wards owing to want of accommodation. As a matter of fact a ward which ought to house only 28 beds takes in 46 and even then a large number of cases has to be refused admission every day. It is therefore very necessary to build a separate Ophthalmic Hospital. The present Ophthalmic wards can then be made available for general surgical and medical cases.

Medical Department.—One thousand three hundred and twenty-five and 16,906 patients were treated as in-patients and out-patients during the year as compared with 1,525 and 15,025 respectively in 1924.

Lieut.-Colonel C. A. Sprawson, C.I.E., I.M.S., took over charge as Physician of the Hospital on his return from leave with effect from 31st October 1925, relieving Major G. T. Burke, I.M.S.

Lieut.-Colonel C. A. Sprawson, I.M.S., has lately commenced trying Sanoecrysin on tuberculous patients in his wards. This is a double salt of gold and sodium and is reputed to have a direct bactericidal action on the tuberculous germs.

Under the supervision of Major H. Stott, I.M.S., diabetic cases were treated with success on modern lines. Three cases of lathyrism were admitted for the first time into his wards. They came from the Punjab and belonged to the same family. The disease was contracted by eating the "Khesari" dal mixed up with *acta* (*vicius sativus*) which is said to be responsible for causing this disease.

Clinical investigations on indigenous drugs have been carried out by R. B. Dr. B. N. Vyas with the assistance of Dr D. N. Seth, Captain Indrajit Research Scholar. Suitable cases in the Out-Patient Department as well as in the wards were selected for trial of drugs under investigation. Many useful conclusions have been arrived at and results of far reaching character may be looked forward to in the course of time.

Gynæcological Department.—Two hundred and eighty-three patients were admitted to the Hospital for treatment as compared with 280 in 1924.

The total number of operations performed was 124 as compared with 128 in 1924.

Sixty-eight labour cases were conducted as compared with 63 in 1924.

Lieut.-Colonel T Hunter, C.I.E., I.M.S., took over charge of his duties on return from leave on 11th November, 1925, relieving Lieut.-Colonel H. C. Buckley, I.M.S.

The resident Obstetric Surgeon acts as House Surgeon to the Obstetric Surgeon and has to attend the Out-patient Department for women and children. She has also to assist the Obstetric Surgeon during operations. It is therefore impossible for her to attend the

Out-patient Department at the appointed time on those days the Surgeon is operating. On such days the Physician in charge Out-Patient Department does go and attend to female patients but the arrangement is not very satisfactory. Hence it is desirable that a separate House Surgeon should be appointed to look after the Gynæcological wards and assist the Obstetric Surgeon.

Medico-Legal Department.—Two hundred and eighty-four injury cases were examined during the year. A large number of these were brought by the police and a few came through the Magistrates.

Sixty-nine Post-mortem examinations were held during the year. Students are, as a rule, present at the time of such examinations and are given practical demonstrations.

X-Ray Department.—The number of cases referred to for Radio diagnosis was 712 as compared with 476 during last year.

The number of Fluoroscopic Examination of the chest carried out this year has also increased.

The number of cases referred to the Department for Electro and Radio therapy showed a steady increase.

The use of ultra-violet rays has been tried with benefit in certain skin conditions and diseases of malnutrition.

The X-Ray museum which was started last year has been steadily increasing and many interesting and instructive skiagrams have now been collected.

The want of a deep X-Ray Therapy plant is keenly felt, but for financial reasons it has not been possible to obtain one.

Nursing Staff.—The Nursing Staff is entirely inadequate for the size of the Hospital. The staff consists of 14 Nurses under training, 10 staff Nurses (trained) and 5 Nursing Sisters with one Nursing Superintendent.

Owing to the limited staff the infectious cases of all sorts such as erysepelus, diphtheria, small-pox, cholera, etc., have to be nursed by the same Nurses who are also in charge of the general wards, hence there is always a danger of spreading infection in the hospital, in spite of all precautions possible under present conditions. The necessity of a bigger staff is more acutely felt at night when a Nurse under training, is, as a rule, responsible for the nursing of 60 to 70 patients on an average without any experienced nursing supervision, as there is no night Nursing Sister. A representation has already been made for the provision of a night Sister.

A special grant was made during the year for the training of four Indian women as Nurses. Applications were invited by advertising in the papers, both English and Vernacular, and it is hoped that suitable candidates will be forthcoming soon.

General Administration.—The administration of the Hospital is vested with the Hospital Board of Management, which was constituted by the Executive Council (*vide* resolution No. 4, dated 13th April, 1925). It consists of the Principal of the Medical College, the senior staff of the Hospital, the Nursing Superintendent, a private Medical Practitioner, and three members elected by the Executive Council with the Inspector-

General of Civil Hospitals as Chairman and the Superintendent of the Hospital as Secretary.

Owing to the re-arrangement of the duties of the office clerks, consequent on the re-organization of the Hospital office (*vide* Resolution No. 10 (b), dated 20th February, 1925, of the Executive Council the Superintendent is now in personal touch with almost all the details of the Hospital administration and a saving of Rs. 2,254 was effected by this arrangement.

The Nursing and the office staff have co-operated efficiently for the carrying out of the administration of the Hospital. The diet accounts and all other accounts have been efficiently maintained as reported by the Government Auditors.

The average expenditure on the diet of patients, per head per day, admitted into general wards was Re. 0-4-7 and Re. 0 2-6 for extra diet. The expenditure on the diet of Private Ward patients per head per day was Re. 1-3-2 and Re. 0-6-4 for extras.

REPORT OF THE PRINCIPAL, ISABELLA THOBURN COLLEGE.

(Miss Mary E. Shannon, M.A.)

The Isabella Thoburn College is maintained by the Women's Foreign Missionary Society of the Methodist Episcopal Church and by the Presbyterian Church of America with the aid of Government grants. The work of the College is recognized by the University.

Enrolment.—There are at present 31 students in all classes distributed as follows :—

1st Year B. A.	...	...	...	9
1st Year B.Sc.	...	...	...	1
2nd Year B. A.	...	...	...	12
2nd Year B.Sc.	...	...	...	4
Diploma of Teaching	...	...	...	3
M. A.	...	...	...	1
M. Sc.	...	...	...	1
				<hr/>
				31
				<hr/>

The subjects taken by the Arts students are as follows :—

1ST YEAR B. A.		2ND YEAR B.A.	
English	... 9	English	... 12
Economics	... 5	Persian	... 3
European History	... 4	Sanskrit	... 1
Indian History	... 4	Economics	... 7
Philosophy	... 4	History	... 7
Mathematics	... 1	Philosophy	... 3
		Mathematics	... 2

The Science students in both classes take Botany, Zoology, and Chemistry.

Students of the M.A. and M.Sc. reside in the College hostels, but attend lectures at the University. All University students this year have been resident in the hostel.

Staff.—Miss Enola Eno, Ph.D., has re-joined the staff after leave and is teaching Philosophy. Miss S. Vincent, M.A., has re-joined after two years' study leave in America. Miss Emma Tucker, Ph.D., is carrying on the English during leave of Miss Dimmitt. These changes have all been sanctioned by the University. Miss Florence Nichols retired during the year under review and Miss Mary E. Shannon became Principal.

Special Features.—The students of the College are under the supervision of a lady physician who not only attends students who are ill, but gives a thorough physical examination to each one at the beginning of the year. This makes it possible to correct defects in health early in the year and prevents much illness. Out-door activities are encouraged and all students except those excused on medical certificate are required to take part in drill and games.

Classes are maintained in hygiene, public speaking, current events, and appreciation of music. Some of these are compulsory for every student.

Several clubs are organized amongst students to promote interest in specific departments of work.

REPORT OF THE PROCTOR.

(*J. N. Chak, Esq., B. A. Bar-at-Law.*)

The Health, Residence and Discipline Board on the 12th August, 1925, made amendments to the rules relating to discipline and to Hostels which were confirmed by resolution No. 13 of the Executive Council, dated the 24th August, 1925.

On the 29th August, 1925, the Games Committee decided to hold sports in December to get up combined University teams and to play the other Universities in these Provinces. These resolutions were confirmed by the Health, Residence, and Discipline Board on the 5th September, 1925, and ultimately by resolution No. 7 of the Executive Council, dated the 14th September 1925.

(*Prof. S. B. Smith, M.A.*)

In the Faculties of Arts, Science and Commerce there are about 480 under-graduate students attached to Canning College of whom 240 are in the first year. Of these 212 or about 44% are resident.

Of first year students 86 or about 36% are resident.

On the other hand 174 post-graduate students, of whom 103 are reading Law only, are resident in University Hostels.

I append an analysis :—

		Post- Graduates.	LL.B. only.	Under- graduates.
Hewett Hostel	...	55	39	52
Meston "	...	49	14	43
Harcourt Butler Hostel	...	27	18	65
Mahmudabad "	...	43	27	52
		<hr/> 174	<hr/> 103	<hr/> 212

In a residential University a far larger proportion of under-graduate students should be in residence. The practice in English Universities is to turn the senior students out of College into lodgings, to make room for first year students.

One result of the present condition is that this year exemption from attendance at Physical training parades has been granted to 148 first year students. Nearly all of these are non-resident. In many cases it would impose too great a strain on the student for him to attend parade, return home, take his food and again return to College by 9-45; and though some students whose homes are near may be able to do this, it is almost impossible for the Proctor to discriminate between non-resident students.

Under the circumstances the regulation prescribing physical training for all first year students becomes a dead letter except for the small minority of resident students.

REPORT OF THE OFFICER COMMANDING, "B" COMPANY, 3RD (U. P.) BATTALION, U. T. C., I. T. F.

(Capt. J. A. Strang, M.A., B.Sc.).

1. During the year the work of "B" Company, 3rd (U. P.) Battalion, University Training Corps, I.T.F., was hampered by the death of the former staff sergeant instructor and consequent changes. For some time training appears to have been at a standstill, and this session (1925-1926) work was not commenced in earnest until well on in September.

2. Since then it has progressed rapidly. The annual camp at Allahabad from 5th to 19th October produced a marked improvement in efficiency in all who were present, and it is the more to be regretted that out of a total roll of 148 in "B" Company, only 92 from Lucknow attended camp.

3. It appears to be overlooked that every member of the Corps, when enrolled, binds himself—

- (1) to complete 78 hours drill during the first six months after enrolment, and two hours per week thereafter;
- (2) to attend camp each year for a period not exceeding fifteen days;
- (3) to complete the annual course of musketry when facilities are provided.

Attendance at camp and regularity on parade are therefore not optional for members of the Corps. They are compulsory, and must be understood to be compulsory. The alternative is resignation or discharge from the Corps.

4. During the present session the Corps has been provided with rifles suitable for drill purpose, although not suited for use with service ammunition, and instruction in arms drill and the elements of musketry has been completed. Arrangements are now being made to obtain the temporary use of rifles which will make it possible to fire the annual musketry course with service ammunition on a full sized range.

5. In order to encourage proficiency in the use of the rifle, and to provide means of obtaining the necessary practice at small cost, a Rifle

Club has been formed, open to all members of "B" Company. Each member of the Club will pay a small subscription of four annas per month, and will also pay at a fixed rate for the ammunition used by him. At regular intervals during the period of training (if possible weekly) competitions will be arranged in which small prizes are offered: and if the club is successful in obtaining a sufficiently large membership further competitions on a larger scale, both inside and outside the club, may be arranged. At present operations are hampered by lack of funds to meet initial expenses, and by the fact that rifles have to be borrowed for every competition.

6. Besides the above, a beginning has been made with instruction in more advanced work, and steady progress may be expected during the remainder of the training period.

REPORT OF THE MEDICAL OFFICER.

(Capt. J. N. Gail, M.B., B.S.)

Health.—Health of the resident students has been fairly satisfactory. On an average about 12 students have been attending the Dispensary for minor ailments. Over 50 students were referred to the special departments of King George's Hospital, especially (Eye) and (Ear, Nose, Throat) Departments.

Admissions into the In-door.—From August to December, 1925, twenty-two cases were admitted into the ward with diseases noted against each number. Unfortunately one student died in the Hospital.

Diseases.	No. of cases admitted.	Results.
(1) Malaria	10	Cured.
(2) Dysentery	5	"
(3) Enlarged Tonsils	2	"
(4) Hydrocele	2	"
(5) Diphtheria	1	Died.
(6) Abscess	2	Cured.

In this connection I must point out the extreme inadequacy of accommodation. There are only 4 beds reserved for all the University students of which nearly 550 are residents. I have had repeated occasions where admission was refused for want of beds. In my opinion the provision of beds should be on some calculated basis and I propose that it should be at least 2% of the total residents, thus increase by 6 beds is very urgent.

Sanitation.—All the buildings are, as a rule, kept very neat and tidy and I have no special remarks to make.

Medical Inspection.—I have not done much in this respect. I took over charge on the 1st of November, 1925, and have been able to examine the new comers of Butler Hostel alone. The results will be submitted when the inspection has been completed.

TABLE No. 1.

*Results of the different Examinations of the University of Lucknow,
held in the year 1925.*

			Total appeared.	NUMBER OF PASSES.				Per-centage of Passes.
				1st Class.	2nd Class.	3rd Class.	Total of Passes.	
B.A. Pass ...	...	...	97	1	26	47	73	75.26
B.A. Honours ...	...	...	23	1	11	8	*21	91.30
M.A. Part I ...	...	...	31	...	...	...	27	87.09
M.A. Part II and M.A. ...	...	...	45	4	18	16	†44	97.77
B.Sc. Pass ...	...	...	46	3	16	13	†34	73.91
B.Sc. Honours ...	...	...	9	1	4	2	7	77.77
M.Sc. Part I ...	...	...	11	...	...	...	10	90.90
M.Sc. Part II and M.Sc....	...	...	10	3	4	2	||10	100
<i>(April 1925.)</i>								
First M.B., B.S., Part I ...	...	...	54	..	...	...	32	59.25
First M.B., B.S., Part II ...	...	...	51	...	...	...	33	64.70
Final M.B., B.S., Part I...	...	...	36	...	...	...	24	66.66
Final M.B., B.S. Part II ..	...	...	46	...	...	...	25	54.35
D.P.H. Part 1 ...	...	...	8	...	...	...	7	87.5
M.D. ...	...	...	1	...	...	...	1	100

* One Passed without Class.

† One Passed with Distinction and five were declared Passed.

‡ Two Passed without Class.

|| One was declared Passed.

(Absentees have been excluded).

				Total appeared.	NUMBER OF PASSES.				Per-centage of Passes.	
					1st Class.	2nd Class.	3rd Class.	Total of Passes.		
(October 1925.)										
First M.B., B.S., Part II	...			5	...	...	...	3	60
Final M.B., B.S., Part I	...			14	...	...	...	8	57·14
Final M.B., B.S., Part II	...			23	...	...	...	18	78·26
D. P. H. Part I	...	...	...	1	...	...	...	1	100
LL.B. Previous	...	...	...	167	81	64	...	145	86·83
LL.B. Final ...	...	...	...	152	24	96	...	120	78·95
B.Com. Previous	...	...	...	41	nil.	7	12	19	46·34
B.Com. Final	...	...	...	30	nil.	8	12	20	66·66
Diploma in Arabic :										
* Alim	...	...	...	14	nil.	nil.	5	5	35·71
Fazil	...	...	...	14	1	7	2	10	71·43
Diploma in Persian :										
Dabir	...	...	...	1	nil.	nil.	1	1	100
Dabir-i-Mahir	...	...	...	10	nil.	3	1	4	40
Dabir-i-Kamil	...	...	...	40	5	17	7	29	72·50
Diploma in Teaching :										
Theory	...	...	...	} 9	1	7	1	} 9	100
Practice	...	...	...		3	3	3		
B.Com. Entrance	...	...	...	2	...	...	...	2	100

TABLE No. 2.

*Comparative Tables of Arts, Science, Medicine, Law, and Commerce
Examinations of 1924 and 1925.*

Name of Examinations.	1924.			1925.		
	No. of Candi- dates.	No. of Passes.	Percentage of Passes.	No. of Candi- dates.	No. of Passes.	Percentage of Passes.
Arts.						
B. A. Pass ...	82	67	81·70	97	73	75·26
B. A. Honours ...	11	8	72·72	23	21	91·30
M. A. Part I ...	53	43	81·13	31	27	87·09
M. A. Part II and M. A.	32	31	96·88	45	44	97·77
Science.						
B. Sc. Pass ...	39	31	79·49	46	34	73·91
B. Sc. Honours ...	4	1	25	9	7	77·77
M. Sc. Part I ...	9	9	100	11	10	90·90
M. Sc. Part II and M.Sc.	11	11	100	10	10	100
Medicine.						
First M.B., B.S. ...	53	35	66·04	56	28	50
Final M.B., B.S., Part I,	59	31	52·54	36	24	66·66
Final M.B., B.S., Part II,	31	24	77·42	46	25	54·35
M. D. ...	...	...	...	1	1	100
D. P. H. Part I ...	...	...	...	8	7	87·5
D. P. H. Part II ...	2	1	50	...	...	...

Name of Examinations.	1924.			1925.		
	No. of Candi- dates.	No. of Passes.	Percentage of Passes.	No. of Candi- dates.	No. of Passes.	Percentage of Passes.
Law.						
LL.B. Previous ...	161	154	95·65	167	145	86·83
LL.B. Final ...	57	57	100	152	120	78·95
Commerce.						
B. Com. Entrance ...	13	11	84·62	2	2	100
B. Com. Previous ...	30	23	76·66	41	19	46·34
B. Com. Final ...	22	15	68·18	30	20	66·66
Diploma in—						
Arabic.						
Alim ...	...	...	...	14	5	35·71
Fazil ...	...	...	...	14	10	71·43
Persian.						
Dabir ...	...	...	...	1	1	100
Dabir-i-Mahir ...	...	...	...	10	4	40
Dabir-i-Kamil ...	...	...	...	40	29	72·50
*Teaching ...	...	...	...	9	9	100

*Female candidates only.

TABLE No. 3.

Table showing the number of candidates appeared, number of passes and the percentage of passes in each subject for the Arts Examinations of 1925.

Subject.	* B.A. Pass.			B.A. Honours.			M.A. Part I.			M.A. Part II and M.A.			Remarks.
	Number appeared.	Number passed.	Percentage of passes.	Number appeared.	Number passed.	Percentage of passes.	Number appeared.	Number passed.	Percentage of passes.	Number appeared.	Number passed.	Percentage of passes.	
English ...	102	83	81.37	4	4	100	7	7	100	9	9	100	
Philosophy ...	13	12	92.30	...	...	...	2	1	50	3	2	66.66	
History ...	70	67	95.71	7	7	100	6	6	100	14	14	100	
Economics ...	49	44	89.80	8	8	100	7	1	89.80	11	11	100	
Mathematics ...	4	4	100	2	2	100	1	0	0	1	1	100	
Political Science	35	1	97.14	1	1	100	2	2	100	...	...	...
Sanskrit ...	6	6	100	...	...	...	3	2	66.66	5	5	100	
Arabic ...	...	...	...	...	...	...	1	1	100	1	1	100	
Persian ...	27	27	100	1	1	100	2	2	100	1	1	100	

* B. A. Honours students who appeared in their subsidiary subjects along with the B.A. Pass students have also been included.

TABLE No. 4.

Table showing number of candidates appeared, number of passes and the percentage of passes in each subject for the Science Examinations of 1925.

Subject.	* B.Sc. Pass.			B.Sc. Honours.			M.Sc. Part I.			M.Sc. Part II & M.C.			Remarks.
	Number appeared.	Number passed.	Percentage of passes.	Number appeared.	Number passed.	Percentage of passes.	Number appeared.	Number passed.	Percentage of passes.	Number appeared.	Number passed.	Percentage of passes.	
Physics	18	14	77.78	1	1	100	6	6	100	...	...	...
Mathematics	23	21	91.30	...	...	...	...	...	...	2	2	100	
Chemistry	48	39	81.25	3	3	100	...	...	...	4	4	100	
Botany	29	27	93.10	3	1	33.34	3	3	100	1	1	100	
Zoology	27	22	81.48	2	2	100	2	1	50	3	3	100	

* B. Sc. Honours students who appeared in their subsidiary subjects, along with the B. Sc. Pass students have also been included.

TABLE No. 5.

Comparative Table showing number on rolls in the Faculties of Arts, Science, Medicine, Law, Commerce, and Diploma in Arabic and Persian during the Sessions 1924-25 and 1925-26.

Class.			1924-25.	1925-26.	Remarks.
ARTS.					
B.A. Pass.					
I Year	...	...	102	99	
II Year	...	...	81	115	
B.A. Honours.					
I Year	...	...	20	26	
II Year	...	...	15	14	
III Year	...	...	22	8	
M.A. Part I	...	...	33	53	
M.A. Part II	...	...	40	25	
M.A.	...	...	8	17	
Total	...	...	321	357	
SCIENCE.					
B.Sc. Pass.					
I Year	...	..	59	48	
II Year	...	...	54	56	
B.Sc. Honours.					
I Year	...	...	8	16	
II Year	...	...	8	5	
III Year	...	...	9	6	
M.Sc. Part I	...	...	11	22	
M.Sc. Part II	...	...	9	9	
M.Sc.	...	...	1	7	
D.Sc.	...	...	5	9	
Total	...	...	164	178	

Class.		1924-25.	1925-26.	Remarks.
MEDICINE.				
I Year M.B., B.S.	...	50	40	
II Year M.B., B.S.	...	56	70	
III Year M.B., B.S.	...	45	32	
IV Year M.B., B.S.	...	30	44	
V Year M.B., B.S.	...	50	37	
D. P. H. Part I.	...	8	8	
D. P. H. Part II.	...	...	7	
Total	...	239	238	
LAW.				
LL.B. Previous	...	182	184	
LL.B. Final	...	152	174	
Total	...	334	358	
B.Com. Previous	...	42	52	
B.Com. Final	...	30	27	
Total	...	72	77	
Diploma in—				
Arabic.				
Alim	...	14	30	
Fazil	...	12	45	
Total	...	26	75	
Persian.				
Dabir-i-Mahir	...	8	35	
Dabir-i-Kamil	...	30	40	
Total	...	38	75	
Total in Arabic and Persian.		64	150	
Grand Total	...	1,194	1,358	

TABLE No. 6.

Statement showing comparative numbers on the roll in the different subjects in the various classes of the Faculty of Arts in 1924 and 1925.

Subjects.	I Year B. A. Pass.		I Year B. A. Hons.		II Year B. A. Pass.		II Year B. A. Hons.		III Year B. A. Hons.		M. A. Part I.		M. A. Part II. and M. A.		Total.
	1924	1925	1924	1925	1924	1925	1924	1925	1924	1925	1924	1925	1924	1925	
	111	116	7	8	93	119	...	...	3	...	7	13	10	9	
English	23	25	...	...	1	...	2	3	6	2	231
European History	53	71	...	...	6	...	5	11	11	11	56
Indian History	40	50	...	...	1	...	2	4	...	3	164
Politics	42	54	...	...	8	...	7	15	12	12	86
Economics	13	12	...	...	...	...	2	5	2	1	111
Philosophy	27	53	...	...	1	...	3	...	...	1	128
Persian	8	6	...	...	...	...	3	4	5	2	133
Sanskrit	1	1	1	1	29
Arabic	1	1	1	1	80
Mathematics	1	...	...	...	97
	1	7	...	2	2	3	1	...	2	1	...	...	...	...	45
	20	26	...	...	15	14	22	8	33	56	48	43	...
Hindi with Sanskrit	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Urdu with Persian	9	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE No. 7.

Table showing the number of students admitted to the various Departments comprised in the Faculty of Science.

1925-26.

Subject.	D. Sc.	M. Sc. II.	M. Sc. I.	M. Sc.	Hons. III year.	Hons. II year.	Hons. I year.	B. Sc. II year.	B. Sc. I year.
Chemistry ...	4	<i>Nil</i>	<i>Nil</i>	3	1	<i>Nil</i>	2	62*	62§
Botany ...	2	2	8	1	<i>Nil</i>	<i>Nil</i>	1	32	30||
Zoology ...	3	1	8	2	1	<i>Nil</i>	1	32	30¶
Physics ...	<i>Nil</i>	6	5	1	3	4	6	26†	27**
Mathematics,	<i>Nil</i>	<i>Nil</i>	1	<i>Nil</i>	1	1	6	28‡	27††

* 6 Honours students (4 Physics, 1 Mathematics, and 1 III Year Honours) taking Chemistry as subsidiary subject have been included.

† 2 Honours students (1 Mathematics and 1 III Year Honours) taking Physics as subsidiary subject have been included.

‡ 4 Honours students (Physics) taking Mathematics as subsidiary subject have been included.

§ 14 Honours students (1 Botany, 1 Zoology, 6 Physics, and 6 Mathematics) taking Chemistry as subsidiary subject have been included.

|| 2 Honours students (1 Zoology, 1 Chemistry) taking Botany as subsidiary subject have been included.

¶ 2 Honours students (1 Botany, 1 Chemistry) taking Zoology as subsidiary subject have been included.

** 7 Honours students (6 Mathematics, 1 Chemistry) taking Physics as subsidiary subject have been included.

†† 7 Honours students (6 Physics and 1 Chemistry) taking Mathematics as subsidiary subject have been included.

1924-25.

Subject.	D. Sc.	M. Sc. II.	M. Sc. I.	Hons. III year.	Hons. II year.	Hons. I year.	B. Sc. II year.	B. Sc. I year.
Chemistry ...	2	4	<i>Nil</i>	3	1	2	54	59
Botany ...	1	1	3	3	<i>Nil</i>	1	32	28
Zoology ...	2	3	3	2	2*	3	31	26
Physics ...	<i>Nil</i>	<i>Nil</i>	7	1	3	4	20	28
Mathematics...	1	2	<i>Nil</i>	<i>Nil</i>	2	2	21	30

* 1 Casual student for two terms only.

TABLE No. 8.

Statement showing the number of students under tuition in the King George's Medical College, on the 31st December, 1925, showing their religions and place of residence.

Serial No.	Classes.	RELIGION.					PLACE OF RESIDENCE.											
		Christians.		Hindus.		Mohammedans.	Others.	Total.	United Provinces.	Central Provinces and Berar.	Rajputana.	Central India.	Kashmir.	Punjab.	Behar.	Deccan.	Bengal.	Total.
		Europeans and Eurasians.	Indians.	Brahmans.	Non-Brahmans.													
1	1st Year Class	...	1	12	21	6	...	40	...	...	...	...	...	...	...	...	...	40
2	2nd "	...	3	21	33	13	...	70	...	...	...	...	...	...	...	...	...	70
3	3rd "	...	1	8	16	7	...	32	...	...	...	...	...	...	...	...	...	32
4	4th "	...	1	10	28	4	1	44	1	3	...	...	...	...	...	...	...	44
5	5th "	...	...	8	25	4	...	37	2	...	...	...	1	1	...	1	...	37
6	D. P. H. Class Part II.	...	...	1	5	1	...	7	...	...	...	...	...	...	...	...	...	7
7	D. P. H. " Part I.	...	...	4	3	1	...	8	...	...	...	...	...	...	...	...	...	8
	TOTAL	...	6	64	131	36	1	238	3	3	...	...	1	1	...	1	...	238

Statement showing the number of students of the King George's Medical College, Lucknow, during the year 1925 and the two previous years.

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TABLE 10.

Statement showing the number of students who appeared and passed the University Examinations during the year 1925 with religion and place of residence of those who passed the Examinations.

Serial Number.	Description of Examinations.	Date of Examination.	Number appeared.	Number passed.	RELIGION OF STUDENTS PASSED.										RESIDENCE OF STUDENTS PASSED.									
					Christians.				Hindus.		Mohammedans.	Total.	United Provinces.	Central Provinces.	Rajputana.	Central India.	Kashmir.	Punjab.	Behar.	Total.				
					Europeans and Eurasians.	Indians.		Non-Brahmans.																
						Brahmans.																		
1	First M.B., B.S., Part I ...	April 1925.	54	32	...	1	8	17	...	6	32	32	...	...	...	...	...	...	32
2	Do. Part II ...	"	51	33	...	...	8	19	...	6	33	33	...	...	...	...	...	...	33
3	Final M.B., B.S., Part I ...	"	36	24	...	...	4	15	...	5	24	24	...	...	...	...	...	...	24
4	Do. Part II ...	"	46	25	...	...	7	14	...	4	25	25	...	...	...	...	...	...	25
5	M.S. ...	"	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	M.D. ...	"	1	1	...	...	...	6	...	1	7	7	...	...	...	...	...	...	7
7	D.P.H. Part I ...	"	8	7	...	...	...	...	...	...	8	8	...	...	...	...	...	...	8
8	Supplementary Final M.B., B.S. Part I.	October 1925	14	8	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...
9	Supplementary Final M.B., B.S. Part II.	"	23	18	...	...	4	11	...	3	18	18	...	...	...	...	...	...	18
10	D.P.H. Part I Supplementary	"	1	1	...	...	1	...	...	...	1	1	...	...	...	...	...	...	1
11	First M.B., B.S., Part II ...	"	5	3	...	1	2	...	...	...	3	3	...	...	...	...	...	...	3

TABLE No. 11.

Faculty of Commerce.

Number of students on the rolls :—

Advanced Accounting and Auditing :

		1924	1925
Previous Class	...	36	41
Final Class	...	21	21

Advanced Banking :

Previous Class	...	6	11
Final Class	...	9	6

TABLE No. 12.

SCHOLARSHIPS.**I.—Faculty of Arts.**

(1) B.A. Honours Scholarships of Rs. 20 per month each.

I Year.

1. Mohammad Wahaj-ud-din.
2. Mohammad Hamid Ali.
3. Saiyid Itaat Husain Rizvi.
4. Rama Mohan Tripathi.

(2) B.A. Honours Scholarships of Rs. 20 per month each.

II Year.

1. T. B. Shah.
2. Abdul Rasheed Khan.
3. Syed Hasan.
4. Lakshmi Nath Misra.

(3) B.A. Honours Scholarships of Rs. 20 per month each.

III Year.

1. Mirza Najmul Hasan.
2. Raj Hans Saksena.
3. Syed Siddique Hasan.
4. Syed Fida Husain Rizvi.
5. Banwari Lal Agarwala.

(4) B.A. Honours (III) or M.A. Part I Scholarships of Rs. 30 per month each.

1. Radhe Shiam Rastogi.
2. Jai Karan Nath Ugra.
3. B. P. Tandon.

(5) M.A. Part II Scholarships of Rs. 30 per month each.

1. Bal Krishna Khanna.
2. Rama Shankar Tripathi.
3. Kamaksha Kumar Mitra.

II.—Faculty of Science.

(1) B.Sc. Honours Scholarships of Rs. 20 per month each.

I Year.

1. C. M. N. Chak.
2. Prem Nath Sharma.
3. Anjibir Prasad.
4. Siraj Husain Naqvi.

(2) B.Sc. Honours Scholarships of Rs. 20 per month each.

II Year.

1. Ram Narayan Sinha.
2. Vansh Gopal Jhingram.
3. *Vacant.*
4. *Vacant.*

(3) B.Sc. Honours Scholarships of Rs. 20 per month each.

III Year.

1. B. N. Pramanick.
2. Gyan Chandra.
3. Shyam Saran Lal.
4. Walayat Husain.
5. Mohammad Yehiya.

(4) M.Sc. Part I Scholarships of Rs. 30 per month each.

1. A. N. Bhatnagar.
2. Baleshwar Prasad Srivastava.

(5) M.Sc. and M.Sc. Part II Scholarships of Rs. 30 per month each.

1. S. P. Chakravarti.
2. Bishambher Prasad Saxena.
3. D. V. Gogate.
4. Sheoraj Bahadur Srivastava.

III.—Faculty of Medicine.

(Medical College Scholarships.)

I Year.

1. Shard Chandra Misra	} Rs. 16 per month each.
2. Tulsi Das Mukerji	...	...
3. Chandra Ballabh Chaturvedi	...	...
4. Shanti Prakash Gupta	...	...

II Year.

1. Mohib-ul-lah Khan	} Rs. 16 per month each.
2. Sitangshu Nath Chatterpodhayay	...	...
3. Shiva Saran Misra	...	...
4. Mohammad Ahmad Shahid	...	...

III Year.

1. Chandra Shekhar Dutta Misra	...	}	Rs. 20 per month each.
2. Mohammad Abdul Hamid Siddiqi	...		
3. Kh. Nazir Husain Rizvi	...		
4. Sheo Shanker Lal	...		

IV Year.

1. S. K. Mehta	...	}	Rs. 20 per month each.
2. Mohan Lal	...		
3. Rameshwar Chandra Srivastava	...		
4. Gur Harakh Singh	...		

V Year.

1. Ram Shanker Dikshit	...	}	Rs. 20 per month each.
2. Suraj Bal	...		
3. Sankata Narayan Mathur	...		
4. Jagdamba Prasad Varma	...		

IV.—Faculty of Commerce.

Scholarship of Rs. 20 per month.

1. Satyadev Chandapuri ... B. Com. (Final).

Canning College Scholarships, 1925-26.

At Rs. 14 per month each.

I Year Arts.

1. Gopi Nath Dhaon.
2. Saiyed Mohammad Mehdi.
3. Durga Pado Ganguli.

II Year Arts.

Baikunth Nath.

II Year Science.

1. Surendra Nath Tripathi.
2. Ram Chandra Saxena.
3. Sushil Kumar Dutt.
4. Narendra Nath Pal.

*White Memorial Scholarships at Rs. 30 per month each, 1925-26.**M.A. Part II.*

1. Mirza Ashiq Husain.
2. Daya Moy Mitra.

*Suraj Narain Scholarships at Rs. 7 per month each, 1925-26.**I Year B.A.*

Brij Narain Dhar.

II Year B.A.

Manohar Nath Zutshi.

Seth Jubilee Scholarship at Rs. 4-6-0 per month, 1925-26.

II Year B.A. Honours.

Ganga Dhar Misra.

Kumaon Centenary Scholarships of Rs. 25 per month each.

1. Lokemani Bisht, II Year B.Sc.
2. Madan Mohan Saklani, II Year B.Sc.

Government Scholarship of Rs. 20 per month.

1. Mahesh Chandra.
2. Hardwari Lal Tandon.
3. Gyan Prakash Johri.
4. Aziz-ul Rehman.

Research Scholarship of Rs. 50 per month.

Pandit Oudh Upadhyaya.

Government State Scholarship of £250 per annum plus £40 bonus.

1. S. K. Pramanick, M.Sc.
2. A. K. Mitra, M.Sc.

Women's Scholarships, 1925-26:

(At Rs. 20 per month each.)

- | | | | |
|--------------------------|-----|-----|---------------|
| 1. Miss Phoebe Rawat | ... | ... | II Year B.A. |
| 2. Miss Rajabai Peters | ... | ... | II Year B.Sc. |
| 3. Miss Ethel Prem Singh | ... | ... | II Year B.Sc. |
| 4. Miss Raj Krishna Rao | ... | ... | I Year. |
| 5. Miss Jaikala Devi | ... | ... | M.A. Part I. |

Oriental Scholarships

Of Rs. 8 per month each.

1. Ghulam Mohammad.
2. Mohammad Qasim.
3. Raza Hasan.
4. Abdul Wadud.
5. Jagdish Krishna.
6. Shiam Narain Chaturvedi.

FREESHIPS.

I.—Faculty of Arts.

(1) B.A. I Year.

1. Rama Shanker Shukla.
2. Azmat-ur Rahman.
3. Sidh Nath Misra.

(2) B.A. II Year.

1. Syed Akhat Ali Bilgrami.
2. Malik Chand Shagal.
3. Shri Ram Avasthi.
4. Uma Shanker Chitravanshi.

(3) *M.A. Part I or III Year Hons.*

Bhubaneshwari Prasad Srivastava.

(4) *M.A.*

1. Jai Narain.
2. Ijlal Ahmad.
3. Husain Ahmad.

II.—Faculty of Science.

(1) *B.Sc. I Year.*

1. Sh. Mohd. Idris Faruqi.
2. Narendra Bahadur Singh.
3. Sukhdeo Bahadur Singh.

(2) *B.Sc. II Year.*

1. Mukund Behari Lal.
2. Bishen Narain Misra.

(3) *M.Sc. Part I.*

H. S. M. Isbaque.

(4) *M.Sc. Part II.*

Chottey Lal.

(5) *Research.*

S. N. Chakravarti.

HALF-FREESHIPS,

I.—Faculty of Arts.

(1) *B.A. I Year.*

Ram Asray Misra.

(2) *B.A. II Year.*

1. Shiva Balak Singh.
2. Lakshmi Nath Misra.
3. Gauri Shanker Pal.
4. Abdul Hai Abbasi.

(3) *M.A. Part I.*

1. Bisheshwar Prasad.
2. Ram Prasad Shukla.
3. S. Ata Husain.

(4) *M.A. Part II.*

1. Vishambher Dayal Tripathi.
2. Radhika Prasad Singh.
3. S. Mohammad Ata Karim.

II.—Faculty of Science.

(1) *B.Sc. I Year.*

1. Bhagwati Prasad Gupta.
2. Vishnu Saran Lal Saksona.

(2) *B.Sc. II Year.*

1. Harbhans Nath.
2. Shanti Saroop.
3. Chandi Kiraon Gon.

(3) *M.Sc.*

Norottam Lal.

(4) *M.Sc. Part I.*

R. N. Bhar.

III.—Faculty of Medicine.

- | | | | |
|--------------------------|-----|-----|-------|
| 1. Ram Narain Rastogi | ... | I | Year. |
| 2. Abdul Aziz Khan | ... | II | " |
| 3. Mata Prasad Singh | ... | III | " |
| 4. Syed Mukhtar Husain | ... | IV | " |
| 5. Kamala Datta Tripathi | ... | V | " |

IV.—Faculty of Law.

- | | | |
|-----------------------------|-----|-----------|
| 1. Charu Chandra Chatterji | ... | Previous. |
| 2. S. Haider Raza Tabatabai | ... | " |
| 3. Bimal Chandra Chatterji | ... | " |
| 4. Naim-ud-din Naqvi | ... | Final. |

V.—Faculty of Commerce.

- | | | | |
|-----------------------------|-----|-----|-----------|
| 1. Jwala Shanker | ... | ... | Previous. |
| 2. Surju Dayal | ... | ... | " |
| 3. Anant Prasad Varma | ... | ... | " |
| 4. Govind Prasad Srivastava | ... | ... | " |
| 5. Mani Lal Varma | ... | ... | Final. |
| 6. Syed Ahmad | ... | ... | " |

Faculty of Medicine.*Seth Raghubar Dayal Scholarships.*

- | | | | | | |
|---------------------|-----|-----|---|------|--------------|
| 1. Har Prasad | ... | ... | I | Year | Rs. 10 p. m. |
| 2. Tulsi Ram Tandon | ... | ... | I | Year | Rs. 10 p. m. |

Bhinga Raj Kshattriya Scholarships.

- | | | | | | |
|-----------------------|-----|-----|----|------|--------------|
| 1. Chandra Bhan Singh | ... | ... | V | Year | Rs. 12 p. m. |
| 2. Kr. Govind Singh | ... | ... | II | Year | Rs. 12 p. m. |
| 3. Govind Singh | ... | ... | I | Year | Rs. 12 p. m. |

Sir Andrew Fraser Memorial Scholarship.

- | | | | | | |
|--------------------|-----|-----|-----|------|--------------|
| Ram Kishore Narain | ... | ... | III | Year | Rs. 40 d. m. |
|--------------------|-----|-----|-----|------|--------------|

MacDonnell Trust Funds.

- | | | | |
|-------------------------|-----|-----|--------------|
| Miss Aisha Mohammad Ali | ... | ... | Rs. 25 p. m. |
|-------------------------|-----|-----|--------------|

The following prizes were awarded for the year 1925 :—

- | | | |
|--------------------------------------|-----|-------------------------------|
| 1. Hewett Gold Medal | ... | Hari Narain Gupta. |
| 2. Selby Memorial Medal | ... | Rangi Lal. |
| 3. Kanuji Lal Memorial Medal | ... | Hari Narain Gupta. |
| 4. Mactaggart Prize | ... | Hari Narain Gupta. |
| 5. Batool Busary Prize of Rs. 70 | ... | Ram Saran Sahai Sak-
sena. |
| 6. Nasir-ul-lah Kban Prize of Rs. 50 | | Miss Sirdar Mohammad
Ali. |

Books were awarded to the following students for 1925 :—

First M.B.B.S.

- 1st Prize ... Chandra Shekar Datta Misra.
2nd „ ... Mohammad Abdul Hamid Siddiqi.
3rd „ ... Khwaja Nasir Husain Rizvi.

Final M.B.B.S. Part I.

- 1st Prize ... Ram Shanker Dikshit.
2nd „ ... Sankata Narain Mathur.
3rd „ ... Jagdamba Prasad Varma.

Final M.B.B.S. Part II.

- 1st Prize ... Hari Narain Gupta.
2nd „ ... Rangī Lal.
3rd „ ... V. S. Manglick.

Certificates of Honour and Silver Medals were awarded to the following students for 1925:—

First M.B.B.S.

- | | | |
|------------------------|-------------------------------------|----------------------------|
| <i>Anatomy</i> | ... Mohammad Abdul Hamid Siddiqi... | Medal and Certificate. |
| | Kedar Nath Gour | ... Certificate. |
| <i>Physiology</i> | ... Chandra Shekhar Dutt Misra | ... Medal and Certificate. |
| | Sheo Shanker Lal Sharma | ... Certificate. |
| | Parma Nand | ... " |
| <i>Materia Medica.</i> | Rama Sharan Sahai Saxena | .. Medal and Certificate. |
| | Tara Chand Gangwal | ... Certificate. |

Final M.B.B.S. Part I.

- | | | |
|-------------------------------|---------------------------|----------------------------|
| <i>Pathology</i> | ... Rama Shanker Dikshit | ... Medal and Certificate. |
| | Chandra Bhan Singh | ... Certificate. |
| | Hasibul Hasan Khan | ... Certificate. |
| <i>Hygiene</i> | ... Sankata Narain Mathur | ... Medal and Certificate. |
| | Rama Shanker Dikshit | ... Certificate. |
| | Kama Datta Tripathi | ... Certificate. |
| <i>Medical Jurisprudence.</i> | Rama Shanker Dikshit | ... Medal and Certificate. |
| | Sankata Narain Mathur | ... Certificate. |
| | Bhagwati Prasad Bhatnagar | ... Certificate. |

Final M.B.B.S. Part II.

Medicine	...	Hari Narain Gupta	...	Medal and Certificate.
		Vanmali Sharan Manglick	...	Certificate.
		Brijendra Kumar Chatterji	...	Certificate.
		Rangi Lal	...	Certificate.
Surgery	...	Hari Narain Gupta	...	Medal and Certificate.
		Rangi Lal	...	Medal and Certificate.
		Kashi Prasad	...	Certificate.
Ophthalmology		Kashi Prasad	...	Certificate.
		Bhawani Shanker Yajnik	...	Certificate.
		Hari Narain Gupta	...	Certificate.
Obstetrics and Gynaecology.		Vanmali Sharan Manglick	...	Certificate.
		Ram Das Bhargava	...	Certificate.
		Rangi Lal	...	Certificate.
		Shiam Behari Lal	...	Certificate.

TABLE No. 13.

Statement showing the annual number of examinations carried out in the Pathology Department, Lucknow University, for King George's Hospital, Lucknow, during the year 1925.

I.—Blood Examinations.

1.	Widal Reaction	...	...	...	294
2.	Wassermann's Test	...	...	...	1,114
3.	Aldehyde Test	...	...	...	19
4.	Culture	...	...	...	28
5.	Films for parasites different	...	...	...	214
6.	Total W. B. C. Count	...	...	...	36
7.	Total R. B. C. Count	...	...	...	4
8.	Haemoglobin percentage	...	...	...	2
9.	Blood Urea	...	...	...	1
10.	Blood Sugar	...	...	...	39
11.	Others	...	...	...	9
12.	Total	...	...	...	1,760

II.—Urine Examinations.

1.	Culture	...	...	...	44
2.	Functional	...	...	...	91
3.	Quantitatives	...	...	...	20
4.	Quantitative and Microscopic	...	...	...	39
5.	Others	...	...	...	1
6.	Total	...	...	...	195

III.—Stool Examinations.

1. Cultural...	...	...	...	...	16
2. Chemical	...	...	...	...	7
3. Microscopic	...	...	...	...	293
4. Others	...	...	...	...	...
5. Total	...	...	...	...	<u>316</u>

IV.—Pus and Exudates.

1. Cultural	...	...	...	...	12
2. Throat swabs	...	...	...	...	31
3. Sputum for T. B.	...	...	...	...	66
4. Microscopic	...	...	...	...	39
5. Others	...	...	...	...	12
6. Total	...	...	...	...	<u>160</u>

V.—Spinal Fluid.

1. Wassermann's Reaction	...	...	...	...	13
2. Cultural	...	...	...	...	8
3. Cell Counts	...	...	...	...	8
4. Others	...	...	...	...	7
5. Total	...	...	...	...	<u>36</u>

VI.—Stomach Contents.

Testineals	11
------------	-----	-----	-----	-----	----

VII—Sections	260
--------------	-----	-----	-----	-----	-----

VIII—Vaccines	20
---------------	-----	-----	-----	-----	----

IX—Animal Experiments	9
-----------------------	-----	-----	-----	-----	---

X—Post-mortems	33
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Annual Grand Total	<u>2,800</u>
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TABLE 14.

APPENDIX A.

Statement showing the Income and Expenditure of the Lucknow University General Account for the year 1924-25.

Head of Account.	Revised Estimate.		Actuals.		Total.	
	Rs. a. p.		Rs. a. p.		Rs. a. p.	
<i>I.—Opening Balance :</i>						
1. In the Bank	3,40,237	0 3	...	
2. Undeposited	
3. Remitted by the University but not credited by the Bank.		3,40,237	0 3
<i>II.—Income :</i>						
1. General Administration	...	13,05,232 0 0	13,08,670	11 4	...	
2. Medical College and Hospital	...	20,443 0 0	26,163	13 10	...	
3. Canning College	...	1,76,860 0 0	1,78,916	2 10	15,13,750	12 0
Total of revised estimate regarding Income	...	15,02,535 0 0	...		...

III.—Ways and Means :

1. Investments matured	...	...	7,72,162 0 0	...
2. Deposits received	...	...	20,569 9 3	...
3. Advances refunded	...	...	1,436 9 5	7,94,168 2 8
Total			...	26,48,155 14 11

IV.—Expenditure :

1. General Administration	...	1,05,203 0 0	1,03,480 6 4	...
2. Faculty of Arts	...	2,11,450 0 0	2,07,989 12 4	...
3. " " Science	...	2,20,839 0 0	2,20,552 14 7	...
4. " " Medicine	...	2,47,275 0 0	2,44,991 15 2	...
5. " " Law	...	20,322 0 0	20,306 7 6	...
6. " " Commerce	...	23,843 0 0	23,958 1 8	...
7. King George's Medical College	...	30,858 0 0	27,961 11 6	...
8. Canning College	...	32,839 0 0	31,603 15 11	...

Head of Account.		Revised Estimate.		Actuals.		Total.
		Rs.	a. p.	Rs.	a. p.	Rs. a. p.
9.	King George's Hospital	...	...	1,87,811	0 0	1,82,290 0 4
10.	Library	...	...	28,185	0 0	31,621 4 7
11.	Examinations	...	...	31,000	0 0	33,904 2 6
12.	Scholarships, Medals and Prizes	...	...	18,898	0 0	16,603 6 6
13.	Works Department, K. G. M. College Division...	...	...	2,49,993	0 0	2,33,903 6 5
14.	Works Department, Canning College Division...	...	...	1,36,526	0 0	1,25,260 9 10
15.	General	...	...	63,649	0 0	62,648 6 11
16.	Provident Fund contribution	...	...	68,000	0 0	65,515 2 0
Total of revised estimates regarding Expenditure ...		16,76,661	0 0	...	...	16,32,601 12 1
<i>V.—Items of Ways and Means:</i>						
1.	Investments made	...	...	9,42,162	0 0	9,72,267 5 3
2.	Deposits repaid	...	...	13,521	5 3	
3.	Advances made	...	...	16,584	0 0	

VI.—Closing Balance.

1.	In the Bank	...	...	43,210	3 7	...
2.	Undeposited	...	...	76	10 0	43,286 13 7
3.	Remitted by the University but not credited by the Bank.	...	...	...	...	...
TOTAL		...	...	26,48,155	14 11	26,48,155 14 11

LIST OF INVESTMENTS ON 1st APRIL 1925.

	Rs.
6% U. P. Bonds	... 10,00,200
6% 1932 Bonds	... 500
5% War Loans 1929/47	... 10,000
4% Calcutta Port Trust Debentures	... 1,50,000
6% Bonds 1926	... 20,000
Fixed Deposit in Bank	... 20,000
" " "	... 1,50,000
Total	13,50,700

84

	Rs.	a.	p.
Amount of outstanding deposits on 1st April, 1925
" " advances
" " Loan
" " Permanent advances with Heads of Departments on 1st April, 1925

APPENDIX B.
*Statement showing Income, Expenditure and Balance of the Lucknow University Endowed Trust Accounts
for the year 1924-25.*

Serial number.	Name of Endowment.	Capital on 1st April 1924 in securities.	Capital invested in Government Securities during the year.	Opening cash balance on 1st April, 1924.			Income during the year.			Total.			Expenditure during the year.			Opening balance on 1st April, 1925.			REMARKS.	
		Rs.	Rs.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.		
1	White Memorial, Gall Memorial and Pirie Memorial Medals Fund.	3,100	...	...	0	15	2	170	13	9	106	14	7	110	8	0	-3	9	5	
2	Suraj Narain Scholarship Fund.	5,000	...	...	174	12	5	174	8	4	349	4	9	168	0	0	181	4	9	
3	Michael J. White Memorial Scholarship Fund.	11,000	...	...	771	8	7	690	10	0	1,462	2	7	600	0	0	862	2	7	
4	Raja Sir Harnam Singh—Sir Harcourt Butler Memorial Fund.	...	2,900	...	2,000	0	0	101	3	7	2,101	3	7	2,089	3	9	11	15	10	
5	Raja Sir Harnam Singh—Sir Ludovic Porter Medal Fund.	...	2,100	...	1,500	0	0	73	4	11	1,573	4	11	1,564	1	7	9	3	4	

Serial number.	Name of Endowment.	Capital on 1st April 1924 in securities.	Capital invested in Government Securities during the year.	Opening cash balance on 1st April, 1924.	Income during the year.	Total.	Expenditure during the year.	Opening balance on 1st April, 1925.	REMARKS.
		Rs.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
6	Raja Sir Harnam Singh—Raja Sir Mohammad Ali Mohammad Khan Medal Fund.	...	2,100	1,500 0 0	73 4 11	1,573 4 11	1,514 1 6	59 3 5	
7	Hamid Gold Medal Fund.	...	2,100	1,500 0 0	73 4 11	1,573 4 11	1,514 1 6	59 3 5	
8	Prince of Wales Memorial Fund.	1,42,900	...	22,466 15 6	6,326 10 0	28,773 9 6	4,865 15 7	23,907 9 11	
9	Seth Jubilee Scholarship Fund.	1,500	...	10 6 3	52 8 0	62 14 3	52 8 0	10 6 3	
10	Empress Victoria Medal Fund.	1,500	...	25 13 9	52 8 0	26 10 8	52 8 0	—25 13 9	
11	Maharaja of Jhalawar Medal Fund.	1,000	...	1 1 6	35 0 0	36 1 6	35 0 0	1 1 6	

12	Hewlett Sir Harnam Singh Gold Medal Fund.	2,100	...	152 3 9	73 4 9	225 8 6	70 0 0	155 8 6	
13	Pandit Suraj Narain Bahadur Gold Medal Fund.	...	*1,500	...	60 14 10	60 14 10	55 0 0	5 14 10	* Received from the Donor during the year 1924-25.
	TOTAL ...	1,68,100	10,700	30,030 3 1	7,895 0 0	37,925 3 1	12,690 15 11	25,234 3 2	

LIST OF INVESTMENTS ON 1ST APRIL, 1925.

<i>Name.</i>	<i>Face Value.</i>			
				Rs.
3½ % Government Promissory Notes	...	...	...	80,700
3½ % Loan	...	...	...	5,000
Anglo Jute Mills Company, Ltd., Shares	...	...	...	5,000
6 % Bengal Club Company Debentures	...	...	...	6,000
5 % War Loan	...	...	...	60,100
5½ % War Bonds	...	...	...	22,000
				<hr/>
	Total	...		1,78,800
				<hr/>

3½ % G. P. Notes for Rs. 4,000 lodged with the Treasurer, Charitable Endowments, are included in the item of Rupees 80,700.

APPENDIX C.

Abstract of the Lucknow University Provident Fund Account for the year 1924-25.

	Government securities.		Cash.		Government securities.		Cash.	
	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
1. Balance on 1st April, 1924.	1,90,000	0 0	28,192	8 9	...	...	21,680	2 8
2. Subscription received from Employees.	...	...	43,676	12 0	1. Repayment to employees.	...	5,868	0 0
3. Contribution by the University.	...	...	65,515	2 0	2. Advances to employees.	...	1,12,106	7 4
4. Interest on securities	...	...	10,630	14 0	3. Cost of purchasing securities.	1,06,000	3,604	3 7
					4. Refund of University Contribution not payable to the employees.	...		
5. Recoveries on Loan Account.	...	...	1,393	5 4	5. Refund on Loan from the General Fund.	...	5,000	0 0
6. Securities purchased ...	1,06,000	0 0	...	...	6. Balance on 31st March 1925.	2,96,000	1,149	12 6
Grand Total ...	2,96,000	0 0	1,49,408	10 0	Grand Total ...	2,96,000	1,49,408	10 0

List of investments on 1st April, 1925.

6% U. P. Bonds	...	...	Rs. 1,00,000
6% Bonds of 1931	...	...	1,96,000
			<u>Rs. 2,96,000</u>

TABLE No. 15.

List of Original Papers, etc., by Members of the University, 1925.

A.—FACULTY OF ARTS.

I.—Department of English.

Mr. N. K. Sidhanta :—

1. Religion in the Heroic Age : (Lucknow University Journal, April, 1925).

2 and 3. Unhistorical elements in Heroic Poetry : (Journal of the Mythic Society, Bangalore, April and October, 1925).

Mr. R. H. Nixon :—

Outline sketch of Buddhist Philosophy : (Lucknow University Journal, April, 1925).

Mr. Ashutosh Bhattacharya :—

Poetic Fiction in the 19th Century, (under preparation).

Mr. Syed Abdul Alim :—

Elizabethan Drama, (under preparation).

II.—Department of Economics.

Prof. Dr. Radha Kamal Mukerjee :—

1. Ground work of Economics.

2. Patna University Banaili Readership Lectures on the rural economy of India, (in Press).

3. Nagpur University Lectures on the Land Problem of India, (in Press).

Mr. Bhujanga Bhushan Mukerjee :

1. A Note on Foreign Capital in India : (External Capital Committee).

2. A Note on the present position and prospects of the Co-operative Movement in the United Provinces : (Co-operative Committee appointed by the Government of the U. P.).

Mr. H. L. Dey :—

The Economic Development of India : some aspects of Modern Industry and Commerce with special reference to India. (Syndicate of Calcutta University.)

Mr. Dhurjati Prasad Mukerji :—

Personality and the Social Science.

Mr. Raj Bahadur Gupta, Research Scholar :—

Housing of Industrial Labour in India, (under preparation).

Mr. Girwar Sahai, Research Scholar :—

Fields and Farms in an Oudh Village.

III.—Department of History.

Prof. Dr. Radha Kumud Mookerji :—

1. The life and reign of Emperor Harsha : (Readership Lectures on Government of India Foundation at the Calcutta University).
2. Later Gupta History and Chronology in the Journal of Indian History.

Mr. K. R. Qanungo :—

History of the Jats, Vol. I. ,

Dr. Sukumar Banerji :—

Humayun, a Thesis, (under preparation).

IV.—Department of Sanskrit.

Mr. K. A. Subramania Iyer :—

1. A few observations on the Trimeterverses of the Mahabharata and the Ramayana. (Report of the third Oriental Conference, Madras, 1925).
2. The Critic in Sanskrit Literature. (Shortly to be published).

Mr. Adya Datta Thakur :—

1. Samudra Yatra : (Madhuri, June 1925).
2. Pali Grammar. (Shortly to be published).

Pt. Badri Nath Bhatt :—

1. Durgavati Natak—Gangapustakamala, 1925.
2. Balanitikatha, 2 Vols.
3. Hindi.
4. Balapatrabodha—Ram Prasad and Bros., Agra.

V.—Department of Persian and Arabic.

Dr. M. B. Rehman :—

Engaged in bringing out an edition of Tarikh Abu Hatim.

Moulvi Mohd. Abdul Qavi Fani :—

Sufism in India, (under preparation).

Mr. Mohd. Wahid Mirza :—

Translation of Ibn-i-Khaldin's Prolegomena, (under preparation).

Moulvi Khalil ibn Mohammad Arab :—

Working on the "Orations of the Prophet and his Companions."

Mr. Mohd. Syed Khan, Research Scholar :—

Working on Saljuks.

Mr. Mohd. Farukhi, Research Scholar :—

Working on Pre-Islamic Arab Superstitions.

VI.—Department of European History.

Mr. J. C. De :—

Article on Samudra Gupta and Napoleon : (University Journal).

VII.—Department of Political Science.

Dr. V. S. Ram :—

1. The Problem of Second Chambers in India : (Indian Economic Conference, Madras, 1926).

2. Comparative Colonial Policy, (under publication).

3. The Mandate's system in Operation, (under preparation).

Mr. V. K. Nandan Menon :—

Indian Legislative Procedure, (under preparation).

VIII.—Department of Philosophy.

Dr. M. B. Cameron :—

"The Teacher and his aim", published in 'Lucknow Collegean' and also to be published in 'Education'.

B.—FACULTY OF SCIENCE.

I.—Department of Physics.

Dr. Wali Mohammad :—

An investigation regarding the structure of Spectrum Lines : (Indian Science Congress, Bombay).

Mr. D. B. Deodhar :—

On Atmospheric Radio-activity and Indian weather : (Proc. Royal Society, A. Vol. 109).

Mr. S. A. Ray :

1. Matter and Electricity in the Theory of Relativity : (Lucknow University Journal, February 1925).

2. A note on the recent work on the sub-electron by Yu (Chen Yang in Zurich : (Lucknow University Journal) May 1925, together with a translation in der Physik LXXVII, June 1925).

3. On a Quantum Mechanism in the Atom : (Lucknow University Journal, May 1925).

4. Notes on some Diffraction experiments : (Phys. Rev. XXV, February 1925).

5. Über den Mechanismus der Quantenbeziehung in der Schwarzen Strahlung : (Zeit f. Phys XXXII, May 1925).

6. On High Values of Wave Length obtained with Fresnel's Biprism : (Journal of Scientific Instruments, London, July 1925).

7. On the Continuity of the electrical structure of the colloidal particles, the Ion, the Electron and the Sub-electron, (accepted by the Chemistry Section of the Indian Science Congress, Bombay).

8. Über den Mechanismus der Photoelektrischen Erscheinung : (Zeit. f. Phys. XXXIII, 1925).

9. A note on the Inversion points in Photophoresis : (Communicated by Prof. Ehrenhaft to Ann. d. Phys.)

10. On the Separation of the Constituents of a Gaseous mixture in an Electric Field (being the report of work done in collaboration with Messrs. Raman Nayar and N. G. Chakravarti of the Chemistry Department of Lucknow University) : (Indian Science Congress, Bombay.)

Dr. B. B. Banerjee :—

“Electrode Capacity and Resistance for Electricity for a wide range of frequencies.” (To be read before the Faraday Society on January 18th, 1926).

D. V. Gogate :—

On a serious difficulty in Cotter's treatment of the Quantum Theory : (Lucknow University Journal, February 1925).

R. K. Chaturvedi :—

Über eine ernstliche Schwierigkeit in der Bestimmung der Zahl der Vom Bohrschen Atom ausgestrahlten Schwingungen : (Zeit. f. Phys. XXXIII, 1925).

II.—Department of Chemistry.

Prof. MacMahon and Mr. Raman Nayar :—

Working on the properties and constitution of Silver Sol.

Dr. S. M. Sane, Mr. S. S. Joshi, and Mr. S. N. Chakravarti :—

“Nitrophenols,” (under investigation).

Dr. S. M. Sane and Dr. Dinanath Seth :—

Drug Picrorhiza Kurroa : Indian Kutki, (under investigation).

Dr. S. M. Sane and Mr. Pearey Lal Asthana :—

Drug Embelia Ribes, (under investigation).

Dr. B. M. Gupta :—

Interaction of Resorcinol on Ethyl Benzylidene-di-aceto-acetate and Ethyl Diaceto-succinic Ester, (under investigation).

Mr. A. C. Chatterji :—

1. “On Bradford's Ion adsorption theory of Liesegang rings” : (Indian Science Congress).

2. “Formation of Periodic Precipitates—IV— the limit of Peptisation of various sparingly soluble salts in different gels” : (Ind. Science Congress).

Mr. A. C. Chatterji and Mr. N. G. Chakravarti :—

“The evidence in favour of the existence of Ag_2 or O_4 in the colloidal condition in gelatin” : (Ind. Science Congress).

III.—Department of Botany.

Dr. B. Sahni :—

1. Southern Fossil Floras : A study in the Plant Geography of the past : (Presidential address, Geology Section, Indian Science Congress).

2. A revision of the Indian Fossil Conifers in the collections of the Geological Survey of India, Calcutta : (Geology Section, Indian Science Congress).

Dr. B. Sahni and Mr. T. C. N. Singh :—

A contribution to knowledge of *Dadozylon Arberi*, Seward : (Geology Section, Indian Science Congress).

Mr. S. K. Pande :—

Notes on *Fossombronina himalayensis* : (Botany Section, Indian Science Congress).

Mr. T. C. N. Singh :—

A note on Fasciation of Flowers in *Quisqualis indica* : (Journal Ind. Botany Society, Vol. 5).

IV.—Department of Zoology.

Dr. K. N. Bahl :—

1. "On the Enteronephric Type of Nephridical System in *Woodwardia*", (Under publication in the Quarterly Journal of Microscopic Science, Oxford).

2. "On the Reproductive processes of *Eutyphoeus* : " (Indian Science Congress, Bombay, 1925).

Dr. G. S. Thapar :—

1. "On the Morphology and Systematic Position of *Echinopharynx*, a new genus of Bursate Nematode from *Testudo tabulata* : " (Journal of Helminthology, London, Vol. III No. 1, February 1925, pp. 19-32).

2. "On some New Members of the genus *Kiluluma* from the African Rhinoceros : " (Journal of Helminthology, Vol. III No. 2, May 1925, pp. 63-80).

3. "Studies on the Oxyurid Parasites of Reptiles : (Journal of Helminthology, Vol. III., No. 3-4, August 1925, pp. 83-150).

Mr. M. I. Bhatia :—

Working on the development of the Leech *Limnatis*.

Mr. A. B. Misra :—

Working on Lac Insect.

Mr. Radha Nath :—

Working on the Development of *Gryllotalpa*.

V.—Department of Mathematics.

Dr. Lakshmi Narayan :—

A thesis entitled "(Integration images and the failure of the curvature formula" : (Allahabad University).

Mr. Oudh Upadhyaya, Research Scholar :—

"Twelve papers relating to Cyclometric equations of various orders, Abelian and other equations, group theory, the parabolic cylinder functions, Kapteyn series, and vector functions" : (Published or under publication in the Mathematische Annalen, Annals of Mathematics, Transactions of the American Mathematical Society, and the Tohoku Mathematical Journal).

TABLE No. 16.

List of Extension Lectures delivered during the year 1925.

Serial No.	Date.	Subject.	Lecturer.
1	12th February, 1925.	"Indian Ideals in Education",	Dr. Annie Besant, D.L.
2	13th February, 1925.	"Indian Ideals in Philosophy and Religion"	Do.
3	14th February, 1925.	"Indian Ideals in Art".	Do.
4	27th February, 1925.	"The Social Effects of Industrialism".	Dr. Radha Kamal Mukerjee, M.A., Ph. D.
5	10th October, 1925.	The Poet Qaani, (Life and Biography-Translations of his poems. A critical estimate of his poetry).	Syed Ameer Ali, M.A., B.L., Lecturer in English.
6	19th October, 1925.	Do.	Do.
7	24th October, 1925.	Do.	Do.
8	28th October, 1925.	Some recent developments in International Law.	Dr. V. S. Ram, M.A., Ph.D., Reader in Politics.
9	10th November, 1925.	"The Poet Qaani, (Life and Biography-Translations of his poems. A critical estimate of his poetry)" 4th lecture.	Syed Amir Ali, M.A., B.L., Lecturer in English.
10	11th October, 1925.	The recent Flowering of Irish Literature.	Dr. (Miss) E. Tucker, Ph.D., Reader in English.
11	12th November, 1925.	"Some implications of the Modern Physical Sciences for the Problems of Philosophy".	Dr. (Miss) Enola Eno, M.A. Ph.D., Reader in Philosophy.

Serial No.	Date.	Subject.	Lecturer.
12	18th November, 1925.	"The Recent Flowering of Irish Literature".	Dr. (Miss) E. Tucker, Ph.D., Reader in English.
13	19th November, 1925.	"A possible Philosophy of Religion oriented to a Scientific World View".	Dr. (Miss) Enola Eno, M.A., Ph.D., Reader in Philosophy.
14	25th November, 1925.	"The Y. M. C. A. in India. Its contribution to the Social and Economic welfare".	Dr. S. K. Dutta, M.A., M.L.A.
15	3rd December, 1925.	"Law of Conspiracy."	Ajit Prasad, Esq., M.A., LL.B.
16	8th December, 1925.	"Determination of Sex".	Dr. K. N. Bahl, D.Sc., D. Phil., Professor of Zoology.
17	9th December, 1925.	Do.	Do.
18	16th December, 1925.	"The Sixth Assembly of the League of Nations".	Dr. V. S. Ram, M.A., Ph.D., F. R. H. S., Reader in Political Science.
19	10th December, 1925.	"Law of Conspiracy".	Ajit Prasad, Esq., M.A., LL.B.
20	17th December, 1925.	Do.	Do.

